

NEWS: EUROPE

Russia boosts cash for state enterprises

By Leyla Boulton in Moscow

THE Russian government has agreed to provide state enterprises with Rb500bn in fresh working capital after Mr Viktor Gerashchenko, the newly reappointed central bank chairman, tried to set the figure at Rb1,000bn.

Mr Andrei Nechayev, the economics minister, said yesterday that the figure had been reduced to Rb500bn after stormy debates within the government and with Mr Gerashchenko, whom he accused of seeking unilaterally to alter government policy on the debt crisis which has beset state-owned enterprises.

The new money, which is in addition to another unscheduled Rb500bn handed out to enterprises this spring, is supposed to be tied to strict conditions so that it helps enter-

prises which are unable to operate because of inflation-induced cash-flow problems.

Enterprises are not for instance to use the government help to increase wages or prices. Net debtors in the payments crisis are still supposed to be made accountable for their debts, and Mr Nechayev denied that he had given up a plan to effect a few bankruptcies of irresponsible state enterprises to discourage others.

Asked in what circumstances the government might resign rather than continue to compromise with its domestic critics over financial stabilisation, Mr Nechayev said that stepping down would become an option "if we were no longer able to block financially irresponsible policies".

But as the government yesterday welcomed the receipt of

a first International Monetary Fund credit tranche of \$1bn and hoped it would obtain an extra \$3bn in the autumn, it is looking increasingly unlikely to meet targets agreed with the Fund to restore the country to some sort of financial health.

To gain access to the first \$1bn, which is to replenish depleted foreign exchange reserves, Moscow undertook to keep the budget deficit to below 5 per cent of gross domestic product and to lower inflation to a monthly level of 10 per cent. The near-impossibility of this task is underlined by estimates by western experts that the budget deficit was already heading for 15 per cent of GDP, before the approval of Rb500bn - which is itself bigger than the budget deficit already forecast by the government.

Kinkel calls for SPD to ease stand on military

By Christopher Parkes

MR Klaus Kinkel, Bonn's foreign minister, yesterday turned a UN request for more support from Germany into a renewed plea for German military involvement in the world arena.

"The appeal to Germany from Mr Boutros Boutros Ghali, United Nations secretary general, to take part in a UN rapid reaction force shows how pressing expectations are," he said.

The UN leader said in an interview published yesterday that he would welcome German troops in the UN stand-by force he proposed in a recent report, Programme for Peace. "One of my aims is to win more support from Germany," he added.

Mr Kinkel called on the Social Democrat (SPD) opposition to give up its resistance to the constitutional changes needed for Bundeswehr forces to operate outside the Nato area.

He said he found recent calls from SPD foreign policy experts for Germany to seek a permanent seat on the UN

Security Council "especially interesting". Their proposals indicated that the SPD was coming to accept that the enlarged Germany had increased international responsibilities, and could no longer stand aside.

However, he added, Germany's voice in the UN could only carry the necessary authority if the country fulfilled all its responsibilities. "These include readiness to take part in peace-keeping... and peace-making actions under UN auspices."

International observers considered Mr Kinkel's reaction "predictable", a sign of the newly-appointed minister's frustration, and unlikely to yield any early results. However, they had detected a change in the government's tack on the issue of possible membership of the Security Council.

Formerly shrugged off as "not a priority", the issue, according to Mr Kinkel, would now be given "suitable consideration" if raised. The change follows Japan's declared interest in the event of a reform of the UN Charter.

Boom in German offices subsiding

By Christopher Parkes in Bonn

GERMANY'S office rent boom is running out of steam. The cost of space in Frankfurt, for example, is now only 3.5 per cent higher than a year ago, the RDM property agents association said yesterday. During the previous year rents in Germany's main banking and business centre had risen by up to 16 per cent.

The overall slowdown was less marked, thanks to strong demand in Berlin, the new capital, Munich and Cologne. But average business rents still rose by only 8 per cent, compared with 15 per cent a year earlier.

There is a danger of a build-up of unused space in Frankfurt, Düsseldorf, Hamburg and Munich, the association said. Further slowing in rent rises is expected this year, because of economic uncertainty and the fading excitement over completion of the single European market, it added.

Even so, there was no shortage of takers for best-quality, city-centre space, and the RDM viewed the outlook with cautious optimism.

Average monthly rents in Frankfurt are now DM60 (\$40.50) a square metre. Top rates of around DM90 compare with DM70 in Munich. Prices there climbed more than 15 per cent, driven up by a shortage of space in the centre and the development of new properties near the route to the new airport.

Further north, quality space in Düsseldorf ranges from DM35 to DM60. In Cologne, the office property boom town of the 1980s, rents are 12.5 per cent up on a year ago, at around DM82. The city's position in the centre of industrial Germany and the EC still has strong pulling power, the association said.

Berlin, meanwhile, continued its upward charge, recording a 60 per cent increase over the 12 months under review. The best offices now cost DM100 and more, with good quality space DM30 dearer at DM80 a square metre.

New orders for west German manufacturers fell in June for the fourth month in succession, the Economics Ministry said. Drops of 3 per cent in domestic orders and 1.5 per cent in export demand produced an overall seasonally and price-adjusted decline of 2 per cent.

undercover "sting" operations, wiretaps and infiltrators.

The anti-Mafia La Rete group, based in Sicily, protested after the ruling parties watered down a clause aimed at politicians who trade votes for promises with the clans.

Opposition from Claudio Martelli, the justice minister, cut the list of offences down to one - politicians caught paying for votes from gangsters face up to six years in jail.

Riviera president charged with fraud

THE conservative president of France's Riviera region was charged with fraud yesterday in the latest of a spate of French corruption scandals, Reuter reports from Grasse.

Mr Jean-Claude Gaudin, the head of the Provence-Alpes-Côte d'Azur region and member of the Union pour la Démocratie Française (UDF), is accused of creating a false job in his cabinet for an employee who did not do the work for

which he was paid and abused his position and contacts to peddle influence.

Mr Gaudin's chief of staff, Claude Bertrand, has also been charged in the case on three counts of fraud and complicity in peddling influence. Mr Gaudin said he was innocent and the charges were politically motivated - the "last episode" of elections last March which returned him as regional president.

Anti-Mafia laws pass

THE Rome government pushed a package of anti-Mafia laws through parliament yesterday after measures to break the gangsters' ties with politicians were watered down, Reuter reports from Rome.

Prime Minister Giuliano Amato drafted the bill to give police wider powers after bombs killed two leading judges in Sicily.

The laws, passed by a large majority, allow police to use

undercover "sting" operations, wiretaps and infiltrators.

The anti-Mafia La Rete group, based in Sicily, protested after the ruling parties watered down a clause aimed at politicians who trade votes for promises with the clans.

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Thatcher adds to pressure on president to take lead in stopping slaughter

Bush defends stance on Yugoslav conflict

By Jurek Martin in Washington

PRESIDENT George Bush, under pressure to take a stronger lead on the Yugoslav conflict, said yesterday the US would move to full diplomatic relations with the breakaway republics of Slovenia, Croatia and Bosnia-Herzegovina.

He told reporters during an election campaign trip to Colorado that "any and all" detention camps in the former Yugoslavia must be open to inspections.

"To truly end the humanitarian nightmare, we must stop ethnic cleansing and open any and all detention camps to international inspection," he said.

Mr Bush's defensive remarks on Yugoslav policy came as the US administration was under renewed pressure both at home and abroad to take the lead in stopping the slaughter in Bosnia.

Sensing administration paralysis, Governor Bill Clinton, the Democratic presidential candidate, has again called for an emergency session of the United Nations Security Council and has warned that force may have to be used against Serbia.

"History has shown you can't just allow the mass extermination of people based on their ethnic origin and just sit by and watch it happen," he told a rally in Missouri.

The foreign pressure on Mr

Bush came in the form of a powerful column in yesterday's New York Times by Lady Thatcher, the former British prime minister. She wrote that Serbia must be issued with an ultimatum, accompanied by the threat of military action, if it does not comply with western demands.

These should include an end to Belgrade's economic support for the war in Bosnia, its recognition of Bosnian independence and territorial integrity, the demilitarisation of Bosnia within a broader regional demilitarisation, guaranteed access for humanitarian teams, and the promise of co-operation in the return of refugees to Bosnia.

"American leadership in this

endeavour is indispensable, as the EC's paralysis has shown, but America cannot be expected to act alone," Lady Thatcher wrote. "Nato, which is the most practical instrument to hand, must deal with the crisis."

Until Mr Bush's latest remarks, the most positive US initiative came on Wednesday when it called for an extraordinary session of the UN Human Rights Commission in Geneva, possibly as early as next week.

On Monday, the State Department appeared to suggest that the US had evidence confirming media reports of Serbian "death camps", but this was withdrawn the following day.

On Wednesday, however, Mr

Laurence Eagleburger, the deputy secretary of state, issued a statement saying such reports were "profoundly disturbing".

Yesterday, the New York Times quoted an unidentified senior official as saying: "We are at the point now where there may well be greater danger in not taking risks than in taking risks, and I think the president may have to roll the dice if things don't improve."

But the US military has consistently advised that any operation in the Balkans would be fraught with risk.

Mr Bush's political advisers are also concerned that any US military involvement might backfire, with the election less than three months away.



A butterfly settles on the face of an ethnic Serb soldier during a lull in fighting near Konic, eastern Herzegovina, yesterday

Islamic nations press UN on force

By Judy Dempsey

THE 46 members of the Organisation of the Islamic Conference (OIC) are applying pressure on the United Nations Security Council to intervene militarily in Bosnia-Herzegovina following an increase in fighting throughout the republic.

The OIC, which recently formed a "contact group" or lobby at the UN, wants the Security Council to exempt Bosnia from the arms embargo, deploy more military forces in the independent republic and step up the humanitarian relief effort.

The lobby, which emerged from the OIC meeting in Istanbul in June, is chaired by Mr Mustafa Akin, Turkey's ambassador to the UN, and includes Pakistan, Iran, Egypt and Senegal.

Saudi Arabia will soon join the lobby which acts on behalf of all the OIC member countries - which include a quarter of UN members.

"We [the lobby] think the Security Council is not doing enough in trying to stop the killing in Bosnia-Herzegovina," a Turkish diplomat based in the US said yesterday. He added that last Monday, he asked Daoyu Li, the Chinese president of the Security Council, to adopt a much tougher resolution in defence of Bosnia's Muslim population against Serb aggression.

"We are prepared to take other measures if the Security Council does not respond favourably to our proposals," an official from the Turkish Foreign Ministry said yesterday. Although he did not give details, he said Turkey would

continue to comply with current UN resolutions and sympathise with any EC resolutions.

Eastern European diplomats at the UN said Morocco, which is a non-permanent member of the Security Council, has repeatedly backed Hungary and Austria in attempts to apply more pressure on Serbia to stop the killing.

But despite the unanimity among OIC member states in criticising western caution and in condemning the violent break-up of Bosnia, the movement remains unclear about its goals. It provides aid to the Bosnians but is unlikely to launch any unilateral military initiative.

A Pakistani diplomat said: "In all honesty, the movement is pretty spineless. The most important Arab countries con-

tinue to hide behind the US. They give a bit of money to the Bosnian Muslims. But it does not add up to much, yet."

In their effort to seek assistance from the Islamic world, Bosnia's Muslims, who are Sunni and Slav, have to play a delicate balancing act.

They cannot afford to receive support from any fundamentalist Shia movements because that would give credibility to Serbian propaganda that the Muslims are intent on setting up an Islamic fundamentalist state in Bosnia, a claim denied by Bosnian officials.

On the other hand, the longer the war continues in Bosnia, and the longer the international community hesitates in taking military action, the more likely it is that sections of the Muslim community will be further radicalised.

Finns try to stem outflow of capital

By Robert Taylor in Stockholm

FINLAND yesterday moved to stop a sudden outflow of capital from the country by raising interest rates on commercial bank lending from 14.5 per cent to 16 per cent.

Last week Finland's reserves fell by nearly FM1bn (\$247m) to FM30.4bn. But over the past few days the outward flow of capital has turned into a flood.

The central bank blamed the lack of international confidence in the economic policy of the Finnish centre-conservative coalition government, which has suffered from serious differences of opinion between ministers.

After an emergency meeting

yesterday the cabinet insisted the government would stick to its policy of spending cuts and did not intend to devalue the currency further. Ministers said there was no alternative to the present economic course or the continuation of the government in office.

This is the third time since last November's devaluation of the markka that the central bank has had to raise interest rates to stabilise the markets.

There was further bad economic news yesterday: unemployment rose to 12.7 per cent in June. It was also revealed that the budget deficit for the year is expected to rise by FM600m, to FM1520m, about 20 per cent of GDP.

Capital Markets, Page 19

Brussels rebukes airlines

By Andrew Hill in Brussels

FOUR European airlines have been rebuked by the European Commission for increasing fares last summer in breach of EC law.

The Commission condemned fare increases introduced by British Airways, Alitalia, Lufthansa and Iberia on 23 routes - all but one involving British airports. The Commission decided the increases were not "reasonably related" to the airlines' long-term costs.

The Commission has not punished the airlines, which increased the fares during the Gulf crisis when the regulatory regime was temporarily relaxed. Instead, it has warned governments that they cannot use the prices as a reference for future increases.

Britain asked Brussels to

look into nearly 100 fare increases in April 1991. Most of the fares were cleared by the Commission.

British Airways received a rap over the knuckles for increasing the standard fares on 12 routes booked from Greece, Italy, Spain, Denmark and Belgium into Manchester and London. The British carrier also broke the law with fare increases on three routes out of Birmingham.

The European Commission yesterday gave Pepsico and General Mills, US multinationals, the go-ahead to create Europe's largest manufacturer of snack food products.

Brussels' competition authorities cleared the joint venture - which will have sales of \$640m - after a routine one-month investigation.

The US groups said in May

they intended to merge their operations in six continental European countries. A Commission spokesman said the segmentation of the EC snack food business meant the enlarged company would command less than 10 per cent of the market.

The Commission found that the companies' operations overlapped only in the area of savoury products, such as potato chips. But as the two companies were active in different parts of the Community, Brussels decided the deal would not distort competition.

Pepsico will own 59.5 per cent of the joint venture and General Mills 40.5 per cent. The joint venture will embrace Pepsico's operations in Spain, Portugal and Greece, and General Mills' businesses in France, Belgium and the Netherlands.

Support for Maastricht melts away in French sun

Alice Rawsthorn on the prospects for next month's referendum, where a No vote could kill European union

THE cover of Paris-Match, usually emblazoned with headlines about ageing actors and their latest romances or the melodramas of the Monegasque princesses, this week carries the more sober message "Maastricht: le non grignote" - "Maastricht: the no vote gnaws away".

For weeks French support for the Maastricht treaty on European union has been falling steadily. This week's Paris-Match magazine confirms just how far it has gone by publishing a poll, compiled by the BVA consultancy, which shows that the proportion of the electorate planning to vote Yes in next month's Maastricht referendum has fallen from 63 to 56 per cent in a month.

If France does vote No to Maastricht in the referendum on September 20, the treaty will be dead. This would be an ironic end for the treaty

because the French have historically been strong supporters of European unity, and because President François Mitterrand has styled himself, at home and abroad, as the treaty's champion.

The president, bruised by a slide in popularity this year, has so far adopted a conspicuously low profile in the referendum campaign. But the depth of his past involvement, and that of the ruling Socialist party, means a No vote would be a serious blow to the party's prospects in next spring's National Assembly elections.

What is the risk of the French voting against Maastricht? Until recently such a prospect would have seemed inconceivable. The pro-European faction in the French electorate has rarely fallen below 60 per cent since the 1950s. In a 1989 poll European unity emerged as the top prior-

ity of the French, ahead of disarmament and helping the third world.

There has since been a slow but steady decline in support for Europe. But it is only in the past four weeks, since Mr Mitterrand announced the date of the referendum and the political campaigning began in earnest, that opposition to Maastricht has accelerated, particularly among older voters.

The Paris-Match poll simply reinforced the message from other recent polls. A similar study conducted by the IFOP consultancy published in Libération on Tuesday showed that the No vote had risen from 38 per cent in early June to 44 per cent by the end of July.

Most of the French say they have already decided which way to vote. However, 29 per cent of the Yes voters and 34 per cent of the No voters in the BVA poll said they might

change their minds. This means that, in theory, the Yes vote could fall as low as 40 per cent, or rise as high as 71 per cent.

In practice, the switch in sentiment in the remaining six weeks before the referendum is unlikely to be nearly so dramatic. Although the trend is clearly towards rejection, it seems more probable that the French will say Yes. Privately, however, even the Socialists accept that they could do so by an embarrassingly slender majority.

The situation is complicated by the referendum's timing, just after the long French summer holidays. August is scarcely the time for political discussion in France, which helps to explain the absence of any serious intellectual debate over Europe's future in the approach to the referendum.

So far the referendum campaign has been notable only for its scrappiness. The government was last week forced to abandon its proposed television campaign after objections by the broadcasting authority. The centre right parties, the RPR and the UDF, are hopelessly split over Maastricht. Their campaign has consisted of a motley assortment of personal statements by their more outspoken members.

The only concerted campaign against the treaty has come from Mr Jean-Marie Le Pen's extreme-right National Front, which has this week been hauling an anti-Maastricht caravan from beach to beach on the south coast, although some hard-left Socialists, and the Communists, have also come out against Maastricht.

The critical question is how far the growth of the No vote should be

interpreted less as a sea-change in sentiment towards European union than as direct criticism of the Socialists, who have come under criticism for rising unemployment and a series of scandals. These range from next month's corruption trial for Mr Henri Emmanelli, president of the National Assembly, to the involvement of senior Socialists, including Mr Laurent Fabius, party chairman, in the HIV-contaminated blood case, which resumes in October.

So far no one knows the answer. Asked why they oppose Maastricht, people tend to cite the threat to France's identity or the risk of damaging the economy. Meanwhile, Mr Mitterrand and his fellow Socialists are bracing themselves for the effect of the next set of unemployment figures on the Maastricht polls, as France smoothes through the summer holiday.

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UK looks at safe havens

By Ivo Dawney, Political Correspondent

BRITAIN is reviewing the possibility of creating safe havens for civilians and refugees in Yugoslavia, Mr John Major, the prime minister, revealed yesterday.

But he also made clear that the creation of havens, which won Mr Major praise as a successful personal initiative for the Kurds in Iraq, could have serious drawbacks in the different circumstances of the conflict in Bosnia-Herzegovina.

A real problem is how to avoid precipitating a further outflow [of refugees] and thereby risk colluding in Serbian ethnic cleansing," Mr Major warned.

The safe haven option was raised in a letter to Mr Paddy Ashdown, leader of the Liberal Democrat party, who had criticised the government for inaction over the Yugoslav crisis.

Mr Major rejected the suggestion, pointing to RAF air strikes, increased humanitarian aid, the London conference scheduled for the end of the month and the visit of Mr Douglas Hurd, the foreign secretary, to the region.

"This is hardly stirring on our hands," he said.

Claiming Mr Ashdown had misrepresented Britain's position on refugees, he pointed out that the UK was the only EC country that had no visa requirement for nationals of the former Yugoslavia.

Some 1,000 a month had entered the country since the crisis began and "no one from a conflict area" would be forced to return. But the UK believed the best solution to the refugee problem was for people to remain as near as possible to their place of origin, where relief and medical supplies as well as shelter and protection were available.

s airlines

They intended to merge their operations at six continental European airports. A Commission spokesman said the fragmentation of the EC market would mean the airlines would lose 50 per cent of the market.

The Commission found that the companies' operations in the area of continental Europe, such as London, were not as profitable as those in the Pacific and Atlantic. But as the Commission was active in all companies with a share in the European market, it decided the airlines should not be merged.

However, with own 45 per cent of the market, the airline was not a candidate for a merger. The Commission said it was not a candidate for a merger. The Commission said it was not a candidate for a merger.

UN mission flies into Somalia

By Julian O'Connell, Mogadishu

A SPECIAL United Nations assessment mission yesterday flew into war-torn Mogadishu to consider means of improving security to distribute food to hundreds of thousands of starving Somalis.

The mission arrived as a huge effort was under way to move hundreds of tonnes of food blocked in the port into the city. "We are trying our best to put food into the mouths of people who need it, but it is becoming increasingly difficult to do so because of looting and insecurity," said one aid worker.

A World Food Programme (WFP) official, Mr Trevor Page, yesterday dismissed British press reports that the UN was going to suspend food deliveries for a month, due to the insecurity, as "absolute nonsense". Two UN-chartered ships, carrying 10,000 tons of sorghum for Mogadishu and 3,000 tons of food for Kismayo, are due to dock on Sunday.

However, senior UN officials appear deeply divided about the role of the technical mission. One official in Mogadishu said it had been sent to "rubber stamp" the view of Mr Boutros Boutros Ghali, UN secretary-general that a contingent of armed UN guards was imperative to protect humanitarian operations and food distribution - with or without the consent of the feuding factions. Canada's announcement yesterday that it was prepared to send 500 troops to Somalia on the request of the UN, appeared to confirm reports that the secretary-general is shopping around for member countries willing to provide military forces.

But Mr Mohammed Sahnoun, the UN special envoy to Somalia, has consistently said it would be extremely dangerous and counter-productive to send in armed troops in the face of violent opposition by General Mohammed Farah Aided, the strongest of Somalia's feuding war lords.

Gen Aided has said he will

S Africa protest winding down

By Michael Holman, Johannesburg

SOUTH AFRICA'S week of protest, to force an early transition to majority rule, appeared to be winding down yesterday.

Marches and sit-ins continued in several cities and towns; thousands of workers in Port Elizabeth occupied office blocks and shops, while in Pietermaritzburg about 400 taxis clogged the city's roads. Further demonstrations are planned today.

But the campaign seems to have peaked at Wednesday's rally in Pretoria, attended by more than 50,000 supporters of the African National Congress (ANC).

There was speculation yesterday about an early resumption of constitutional talks, after comments by President F W de Klerk on Wednesday night. He said at an informal press conference that "we are moving to the resumption of negotiations", and confirmed that discussions between the government and the ANC on "specific issues" had been taking place over the past five days. He did not elaborate. It is known that one of the subjects discussed was the release of about 350 political prisoners.

"We need to broaden the discussion to include other issues," Mr de Klerk added. "I look forward to the day when Mr [Nelson] Mandela will once again see me in my office."

At least two armed white men dressed in camouflage uniforms were among attackers in the June 17 Bophatong massacre, according to a witness who testified yesterday before the Goldstone judicial commission of inquiry into political violence.

Editorial Comment, Page 12

Japan fails to kick the export habit

The country's current account surplus is soaring again, writes Robert Thomson

A VERY large current account surplus has returned to haunt the Japanese government. After sharp falls in the late 1980s, the surplus this year is set to surpass the record \$87bn in 1987 and to intensify international pressure on Japan to prove that its markets are genuinely open.

The sharp appreciation of the yen after the Plaza Accord in 1985 was supposed to have blunted the surplus, as was investment abroad by leading exporters such as the electronics and car industries. But a slowdown in the domestic economy has weakened demand for imports and encouraged manufacturers to export, enlarging the surplus to its old, daunting size.

In the first half of this year, it rose by 94 per cent to \$56.2bn, and while the sheer size of the figure suggests that nothing much has changed from the mid-1980s, there are differences. Instead of selling the whole product, companies are exporting components to new factories abroad, and east Asia has replaced north America as Japan's most important market.

However, these patterns have not lessened trade tension with the European Community and the US, rather they have created new frictions with Asian trading partners and have placed further pressure on the Japanese government to show there are no "structural impediments" to imports.

When the Japanese economy expanded rapidly in the late 1980s, the current account surplus fell in tandem. After the customs-cleared trade surplus reached \$32.7bn in 1986, the figure declined to \$7.5bn in 1988 and to \$32.1bn in 1990.

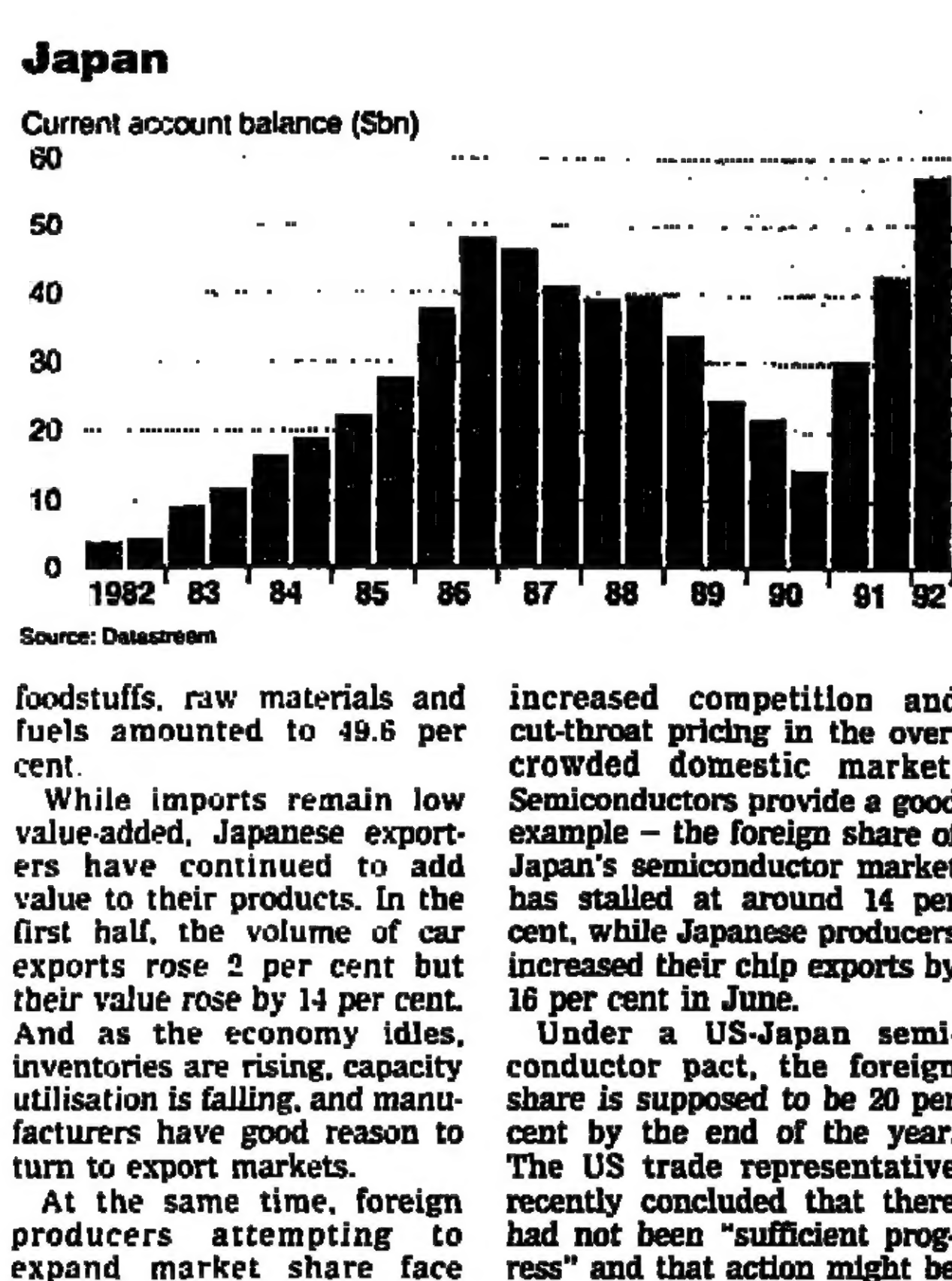
The government claimed credit for orchestrating the fall and even expressed concern that the surplus, regarded as an important measure of economic strength, was disappearing too quickly. But just as the "bubble" economy grossly inflated land and stock prices, so the decline in the surplus was exaggerated.

Mr Noboru Hatakeyama, vice-minister for international affairs at the Ministry of International Trade and Industry (MITI), admits the "adjustment process" was distorted in the late 1980s, and that some manufacturers misread their markets. "We can say that some companies invested too much in new capacity," he says.

Adjustment was distorted by unsustainable imports of luxury goods, including French impressionist paintings and European cars, and by manufacturers presuming that a hungry domestic market would become even hungrier. In addition, rapid growth in overseas travel helped reduce the current account surplus.

The cycle ended as the Tokyo stock market peaked in December 1989, the official end of the easy money era. In the first half this year, European car imports were down 4 per cent year-on-year, after a 23.4 per cent fall last year, and art imports were down 65 per cent. A current account surplus equivalent to 1.1 per cent of gross national product in fiscal 1990 rose to 2.6 per cent in 1991.

Another important factor is that Japan's imports are heavily weighted towards raw materials, partly-processed materials or low value-added goods. In the first six months, machinery of all kinds accounted for only 18.8 per cent of the import total, while



taken against Japan.

The Japanese government fears that this and other disputes will force the Bush administration to take tougher action in the lead-up to the US presidential election. Japan's exports to the US rose 5.3 per cent in the first half and imports from the US fell 1.7 per cent - the deficit with Japan accounted for 62 per cent of the total US deficit in May and for 74 per cent of the April deficit.

Meanwhile, the European Commission, annoyed by a similar increase in the Japanese surplus with the EC over the past year, wants talks on removing "structural impediments" to trade. The demand echoes the US-Japan Structural Impediments Initiative and reflects concerns that the Japanese market is restricted by the country's corporate culture.

Realising that stimulating the domestic market could solve some of these problems, Tokyo has promised to deliver a supplementary budget this month, while companies are being quietly cautioned against flooding foreign markets with products that cannot be sold at home.



War games: a US marine and Kuwaiti soldiers move through camouflage smoke yesterday to cover a comrade in a wounded posture. The soldiers are practising room-to-room fighting in the Umm al-Aish barracks, 70km from Kuwait City, as part of two weeks of US-Kuwaiti military manoeuvres

Two US banks already in discussions Philippines plans Eurobond launch

By Tracy Corrigan

FOLLOWING completion of its commercial debt rescheduling package last month, the Philippines is planning to return to the international financial markets for the first time since the debt crisis of the 1980s.

Two US banks, Chase Investment and J.P. Morgan Securities, are already in discussions with the authorities in Manila about a potential \$100m (\$52.3m) offering of Eurobonds, which could be launched as early as next month.

Mr Ramon del Rosario, finance secretary, told a news conference: "We think this is a logical step, and then hopefully after the national government has taken that step, private corporations... can also begin to take the plunge back into the voluntary financial market."

The terms of the bond issue were still being worked out, he added.

Analysts believe the offering is feasible, not only because of the debt rescheduling but because of renewed confidence in the country's future under the newly elected administration of Mr Fidel Ramos.

"I don't think you could have talked about the country's return to international markets six months ago," said Ms Joyce Chang, vice-president of emerging markets at Salomon Brothers in New York. "There is a positive feeling both internationally and domestically about prospects for the new government."

The country's secondary market debt, which was trading at about 49 cents in the dollar prior to the election, is now quoted at 58 cents in the dollar. However, she cautioned that a number of difficult measures had still to be taken by the government.

The Philippines' return to the international capital markets would follow rehabilitation of Latin American countries such as Mexico and

Australia releases funds for rail project

By Emma Tagaza, Canberra

THE Australian government said yesterday it was making \$181m (\$71m) immediately available for a railway project designed to create 12,000 direct and indirect jobs over the next two years.

Mr Paul Keating, prime minister, said the spending was the first stage of a \$454m national rail network programme. Release of the funds coincided with figures showing unemployment for July stood at 11 per cent, only marginally lower than June's record 11.1 per cent.

A national rail network was a key element of Mr Keating's economic statement in February. This allocated \$2.3bn over two years to boost the economy and cut unemployment to less than 10 per cent by the next general election, in mid-1993.

Australia's railways are fragmented by different state systems and track sizes, making inter-state rail inefficient. Mr Keating's programme aims at a uniform-gauge track linking mainland state capitals.

The programme also intends to set up a National Railway Corporation, which would control inter-state rail freight operations.

The government had hoped the \$2.3bn economic boost would lead to a 4.75 per cent growth in 1992-3. However, it has conceded this will not be achieved and that growth of less than 4 per cent is a more realistic target.

Growth in 1991-2 is expected to be about 2 per cent.

India moves on Bombay stock probe

By Shiraz Sidani, New Delhi

THE Indian parliament yesterday spent on the terms of reference of the joint parliamentary committee assigned to investigate Bombay's financial scandal.

The committee's 30 members, named yesterday, must investigate the "irregularities and fraudulent manipulations" of securities, shares and bonds, "its responsibility" on individuals, institutions and authorities; and identify inadequacies and failures in supervisory mechanisms.

The committee, which will submit its report by the end of parliament's winter session, will also examine the role of banks, stock exchanges, financial institutions and public-sector undertakings involved in the scandal.

Mr Ghulam Nabi Azad, minister for parliamentary affairs, assured MPs of the government's "fullest co-operation" with the committee. He said it was keen to reveal the truth about the scandal, and track down those responsible.

Mr Narasimha Rao, India's prime minister, said yesterday that India would continue to hold a dialogue with Pakistan, despite recent border skirmishes. He added that talks between the countries' foreign secretaries would be held between August 16 and 18.

Rabin adopts new tack to win friends and influence people

The Israeli leaders' less defensive approach to foreign policy will have an airing in the US, writes Hugh Carnegie

MR Yitzhak Rabin, Israel's new prime minister, yesterday left for the US on a visit expected to rekindle Israel's relationship with Washington. Underlying the trip will be a broader shift in the Jewish state's approach to foreign policy.

Mr Rabin is hoping for an agreement to release \$10bn (\$5.2bn) in US loan guarantees denied to Mr Yitzhak Shamir, his predecessor, because of a refusal to freeze Jewish settlements in the occupied territories. President George Bush and Mr Rabin, who meet on Monday, are also likely to smooth out differences over Middle East peace talks, launched in Madrid last year and due to resume in Washington on August 24.

The Israeli leader will stop in New York on his way to Mr Bush's home in Kennebunkport, to meet Mr Boutros Boutros Ghali, United Nations secretary-general.

The visit to the US is a chance for Mr Rabin to chart a wider foreign policy course, well away from the isolationist path followed by Mr Shamir.

Moscow's lead in isolating Israel, Russia, China, India, the eastern European nations, African countries and even the Moslem central Asian republics have established, or re-established, ties with Israel.

Mr Reuven Merhav, director general of the Foreign Ministry until a year ago, says: "We are no longer a pariah state. These countries have decided that boycotting us is not the way to solve our problems. This should help us to make better decisions also."

In this more open, less defensive approach to the world, Mr Rabin is seeking to re-tune, not reduce, links with the US. With mass immigration plac-

ing great strains on Israel's economy, the prime minister is acutely aware of the country's vulnerability to any cut in the annual \$2bn aid from Washington.

The collapse of the Soviet Union removed much of the *raison d'être* of the strategic agreement, forged between Mr Shamir and President Ronald Reagan, which cast Israel as a buffer against Soviet influence in the Middle East.

Then, in the Gulf crisis, Israel seemed more of a liability than an asset to the US as Washington strove to keep Arab nations in the anti-Iraq coalition.

But Mr Beilin insists the foundation of the relationship remains secure and will be cemented if Israel can reach peace with its neighbours. "I believe the fundamental importance of Israel to the US is as the only democracy in the Middle East which has a stabilising effect in a very unstable region. I do not believe this will diminish." He cites the rise of Moslem fundamentalism as a threat against both Israel and the US.

Mr Rabin's government has also signalled its desire for closer ties with the European Community, which has long been perceived in Israel as having a pro-Arab bias.

While Mr Shamir's government tried to keep the EC out of any significant role in the peace process, Mr Rabin and Mr Shimon Peres, the foreign minister, recognise that Europe's proximity to the region gives it a legitimate interest in negotiations. They also acknowledge the economic importance to Israel of close links with the EC, which is the country's biggest trading partner.

Ultimately, Israel would like to join the European Economic Area on the same basis as the European Free Trade Association (EFTA) countries.

The government is likely to allow the EC to participate in the multilateral regional talks on arms control - which Mr Shamir blocked. But in return Israel expects the EC to press Arabs to end their economic boycott of Israel and to accept its overtures in peace negotiations.



Yitzhak Rabin (left) and George Bush: ironing out differences over Mideast peace talks

NEWS: AMERICA

Political punters buy Bush to win

Barbara Durr reports on a US market that trades shares in candidates

WANT to know what Americans really think about this year's presidential race? Have you watched the polls fluctuate wildly and wondered what is really going on?

Four professors at the University of Iowa say that you can find out - and even bet on the results - at the Iowa Political Stock Market, the only public US market that trades shares in political candidates.

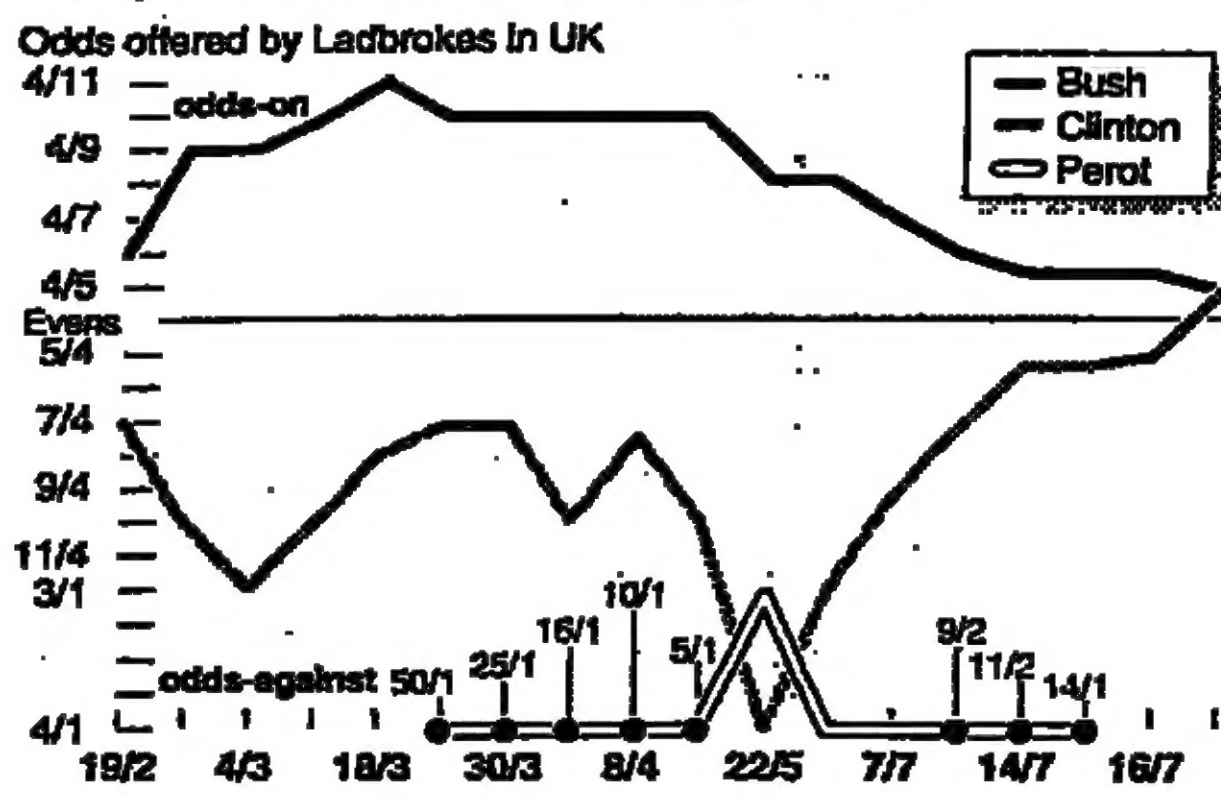
The IPSM began four years ago when three professors of economics, Mr Robert Forsythe, Mr Forrest Nelson and Mr George Neumann, and one of political science, Mr Jack Wright, were griping about the inaccuracy of political polls for predicting election outcomes.

They devised the market over a weekend in March 1988 and launched it in June that year for the US presidential race.

Since then, they have run markets in eight more elections, including parliamentary races in Denmark, Germany, the Netherlands and Turkey. Once just an experiment with students, the IPSM has grown into a fully fledged public market. And its creators believe it has proven their hypothesis that the market is a more accurate indicator of political outcomes than opinion polls - because you have to put your money where your mouth is.

For this year's presidential

US presidential betting odds



contest, the IPSM is operating 24 hours per day. It has some 510 traders, with a total \$34,000 invested. That may not be much, but the initial deposit for a trading account is only \$5 and accounts are limited to \$500.

But, says one punter, Mr Steven Maravetz, a University of Iowa official: "People take it very seriously. If you had made all the right moves till now, you could have parlayed \$5 into \$1,000." Mr Nelson says that he expects the amount invested will at least double by election day, November 3, and that it may reach \$100,000.

Since the start of the year, the IPSM has run markets in the Democratic presidential nomination, the Democratic vice-presidential nomination (both of which are now closed), the two-party (now Bush-Clinton) race, a three way plurality

contest that includes Mr Ross Perot, and a three candidate vote share.

Its latest product is a market in "presidential derivatives," or the vote shares above and below a designated percentage for President George Bush.

The entry of Mr Perot as a possible presidential contender has made for some exciting moments. After responding to a clamour to create a Perot share, the IPSM watched Perot investors get skinned when he withdrew from the race and his shares dropped from 29 cents to 4 cents. They still trade, but at a tenth of a cent.

Although the name suggests a stock market, the IPSM is closer to a futures market. Earlier this year, the IPSM won recognition from the Commodity Futures Trading Commis-

sion, the futures industry regulator, as an experimental, non-profit market. This prohibited IPSM from advertising itself or charging transaction fees and commissions. All revenues must be distributed after the presidential election on November 3.

Trading accounts can be opened with a telephone call to the university. After receiving a traders' instruction manual and making a \$5 deposit, traders can log onto the computer and start buying and selling shares. Credit trading and short selling are not allowed.

A typical first move might be to enter the two party market with a purchase of five \$1 "unit portfolios" each consisting of one share of Bush and one share of Clinton. While payout formulas vary, at the close of this market the trader will

receive \$1 times the percentage of popular vote for each candidate share. If, for example, the election is 51 per cent Bush and 48 per cent Clinton, and a trader was holding 50 Bush and 10 Clinton, the payoff would be \$30.30, plus whatever was left over in the trader's cash account. Other formulas work on a winner takes all basis.

About 80 per cent of the traders are students and faculty at the University of Iowa and 64 other universities, but, since some publicity about the market in the spring, several professional traders have joined in. Mr Boaz Weinstein, a trader at a top Wall Street investment bank, said he jumped into the Democratic vice-presidential market, and "did pretty well."

Mr Weinstein believes that Wall Street and other professional traders do not have that clear an advantage in the market. The students learn quickly and the market is efficient, he said. It also cannot be cornered. Mr Weinstein and other professional traders also say they think it is a better gauge of the political climate than polls.

For example, the surge in favour of Mr Clinton after the Democratic convention, did not even register in the IPSM, where Mr Bush has been the favourite since January. Mr Clinton's shares have, however, gradually improved in price to about 48 cents currently. Mr Bush's shares are running at about 52 cents.

Clifford accused of trying court ploy

By Alan Friedman in New York

MR CLARE CLIFFORD, the former US defence secretary, who was charged last month over the Bank of Credit and Commerce International scandal, has been accused by a New York prosecutor of trying to manipulate the US judicial system.

The accusation by a deputy to Mr Robert Morgenthau, the Manhattan district attorney, came in a New York court hearing that set on October 22 trial for Mr Clifford and Mr Robert Altman, his partner.

The two men were charged in New York on July 29 on charges of bribery-taking, conspiracy and a scheme to commit fraud, related to their dealings with BCCI during the 1980s.

Both were also charged in Washington of allegedly lying to federal banking regulators about their knowledge of BCCI's secret ownership of First American Bankshares, a Washington bank they ran during the 1980s.

The New York trial date is important because a Washington judge had earlier set October 26 as the date of the Washington trial of Mr Clifford and Mr Altman. That trial may now have to be postponed.

Mr John Moscow, the chief prosecutor for Mr Morgenthau's office, told a New York judge that the 85-year-old Mr Clifford and his lawyers were trying to manipulate the judicial system by seeking a Washington trial first.

Mr Moscow said yesterday the New York charges were much broader and more serious and noted that if a Washington trial went ahead first Mr Clifford might have been able to avoid facing the New York charges because of double jeopardy provisions in New York state law.

Mr Clifford's lawyers had argued for a speedy trial on the grounds of health but in court they denied Mr Moscow's claim that in doing so they were trying to manipulate the judicial system.



Moreira (left) and Collor

Brazil finance minister faces calls to quit

By Christina Lamb in Rio de Janeiro

ALL eyes in Brazil are on Mr Marcellio Marques Moreira, the economy minister, to see if he can withstand increasing pressure to relax the government's austerity policy in order to win political support for beleaguered President Fernando Collor.

Mr Moreira continues to insist that he will neither quit nor abandon the government's tight monetary policy, despite pleas from Mr Collor's political allies in the Liberal Front (PFL) that money is needed for social projects to secure congressional votes to withstand an expected impeachment process against the president.

"I can open the coffers but there's nothing in them," he says.

Speculation is increasing over his possible departure as a result of mounting criticism from PFL members of the recessionary effects and lack of positive results of the economic programme.

The most serious attack came from Mr Collor's most important backer, Mr Antonio Carlos Magalhães, the governor of Bahia and PFL leader.

"This marriage between high inflation and deep recession is not working," he said. "What

brings down a minister is not a political party but constant inflation of 20 per cent. If Marcellio fails it will be because of the poor results of economic policy."

The supreme council of the powerful São Paulo Federation of Industries is also preparing to ask the government to reduce interest rates and delay the timetable of reduction of import tariffs.

But the majority of the financial community both inside and outside Brazil is highly nervous about the effects of a change in policy or the replacement of Mr Moreira, fearing this could result in hyperinflation and a collapse of the accord with the IMF.

The central bank has been intervening heavily in the market to prevent the cruzeiro falling too much against the dollar and Brazilian debt on the secondary markets has fallen to 30.6 cents.

For the time being Mr Collor is managing to contain both the PFL pleas and Mr Moreira's resistance to a change in policy. However, political pressures will mount as the congressional inquiry into corruption comes to an end on August 26, after which an impeachment process is expected to begin.

President promises to take off gloves soon

By Jurek Martin in Washington

PRESIDENT George Bush promised yesterday to "fight tough but fair" to retain the White House against Mr Bill Clinton, the Democratic party nominee.

He told a conservative audience in Colorado Springs that perhaps he had been "a little slow" in the campaign so far to the point that the election has seemed "a little one-sided".

Complaining that Mr Clinton, whom Mr Bush still tries

not to mention by name, criticises him every five seconds, the president said the gloves would be off after the Republican convention in Houston the week after next. "I am tired of being assailed by these people," he asserted.

His pugnacity was well received, as similar performances before Catholic and veterans' organisations had been a day earlier in New York and Nevada. But in both cases he told his audiences what they wanted to hear - respectably that abortion was wrong

and that there was no substitute for a strong defence.

But the wider American public still seems unimpressed. The latest national opinion poll, compiled for the Washington Post and ABC News, has Mr Bush's approval rating down to 33 per cent, a 5 point drop in a month, while an earlier Gallup poll for CNN had him at an all-time low of 29 per cent, a depth from which no incumbent president has recovered to win re-election.

Both surveys suggest Mr Clinton's lead has not narrowed since his party's convention in New York last month. This contrasts with 1988, when Mr Michael Dukakis, the Democratic candidate, lost half his 17 point post-convention edge within two weeks.

His determination notwithstanding, this has also been a difficult week for Mr Bush, first because he had to disown a savagely worded attack on Mr Clinton by his political director and, second, because of new criticisms that he was not doing enough to stop the slaughter in Bosnia.

Additionally, the Washington Post speculated yesterday that when Mr James Baker, the secretary of state, takes over the White House and the campaign later this month there will be a wholesale house cleaning of the present re-election team.

This assumes that Mr Baker will come back, on which no announcement has yet been made, and that he will bring with him his inner circle from the state department, most of whom worked on the 1988 Bush campaign.

NEWS: WORLD TRADE

Mexico awards big contract as Nafta deal nears

By Nancy Dunne in Washington

THE Mexican finance ministry has announced a \$500m contract for computer services - the largest awarded in this sector - to Systems House, an Ottawa-based company with offices also in the US.

It is this kind of deal the US and Canadian governments are counting on to illustrate how jobs are to be created across borders by a North American Free Trade Agreement (Nafta). Negotiations on the pact were still continuing yesterday in Washington, but the real sales jobs - to the US and Canadian publics - are yet to come. President George Bush has the additional task of convincing a Democratic Congress that not only will Nafta benefit the US economy but that it also contains sufficient safeguards for US workers and the environment.

Congress has constitutional jurisdiction over trade, but it ceded initial control to President Bush in June, 1991, when it gave him "fast-track" negotiating authority. A completed deal will set in motion a complicated procedure which, in theory, means that Congress will vote yes or no on legislation needed to implement an agreement.

Because of widespread fear that jobs would be lost to Mexico, the president's request for fast-track authority was highly controversial. It was granted only after he made concessions and promised an adjustment package for displaced workers and the inclusion of environmental provisions.

The usual procedure for fast-track is as follows. After a pact is agreed, the president gives Congress at least 90 calendar days' notice of his intention to enter into the agreement. During that time, all relevant committees - and there are many - would hold hearings. Nafta would then be signed by the countries' three leaders and returned to Congress for 90 legislative days.

Then administration, congressional and private sector representatives would meet to write implementing legislation. This includes a formal acceptance of the pact and any legislation needed to fulfil its terms.

However, the fast-track procedure was established by rules of both houses. Key Democrats have argued that they can change those rules and will do so if the president does not produce satisfactory labour and environment provisions. This would allow them to make amendments.

Mr Richard Gephardt, the House majority leader, last week raised a ruckus, when he warned that he would write controversial provisions into the implementing legislation. (This was done in the case of the US-Canada Free Trade Agreement in 1987.) It can be assumed that no deal could get past him, but he is also known to be a willing compromiser, who starts the negotiating process with tough demands.

In any case, it is being suggested that the Bush administration will initial a Nafta deal to reap its political benefits but hold off sending it to Capitol Hill until a new Congress convenes next year.

US offers 'open skies' to European airlines at a price

THE US is offering to "open its skies" to the airlines of European countries who give essentially free access to their markets to US carriers, Paul Betts and Reuters report. The move comes as US carriers press their government for new air pacts with EC countries.

They want the administra-

tion to block the British Airways-US equity partnership unless Britain is prepared to concede a more favourable aviation accord. The US move coincides with the advent of the single European air transport market next January and a transatlantic fares war.

Mr Andrew Card, transpor-

tation secretary, said the "open skies" efforts, including ending an 11-point definition, were focused on Europe because it was already moving toward free flow of passengers and goods. The administration hoped other regions would soon be ready to join similar talks. More liberal air pacts

"will move us closer to a truly open environment for international aviation," he said. European carriers say they do not have the access they would like to the large US market. France and Germany are seeking to restrict US carriers which, they maintain, have an unfair advantage. The

US department said "open skies" would mean unrestricted capacity and frequency on all routes, flexibility in setting fares, liberal charter and cargo arrangements; carriers could convert earnings into hard currency and return them home with no curbs; They could enter freely into

commercial transactions related to their flight operations; open code-sharing arrangements; the right of a carrier to perform its own ground handling in the other country, and a pledge for non-discriminatory operation of and access to computer reservation systems.

Alarm over chip alliances flares again

Michioyo Nakamoto looks at fears that the US is giving Japan crucial technology

THE growing number of strategic alliances between US and Japanese semiconductor companies is again raising concern in the US that groups there are giving away crucial technology too easily to competitors.

The joint development programme for advanced memory chips, recently agreed between IBM, the world's biggest chip maker, Siemens of Germany and Toshiba of Japan, is the latest in a line of partnerships triggering alarm in press and government. Critics say links with foreign competitors give away technology developed with taxpayers' money through organisations such as Sematech, a collaborative effort to improve US chip groups' competitiveness and partly funded by the government.

The National Research Council (NRC), operating arm of the US National Academy of Sciences and the National Academy of Engineers, warns "the technology flow through strategic US-Japanese semiconductor alliances has been mainly from the US to Japan."

Such a flow, if continued over the 1990s, could erode US capacity to innovate in this industry. The council raises concerns over link-ups between small-to-medium US companies, many of them start-up entities, and big, vertically integrated Japanese corpora-

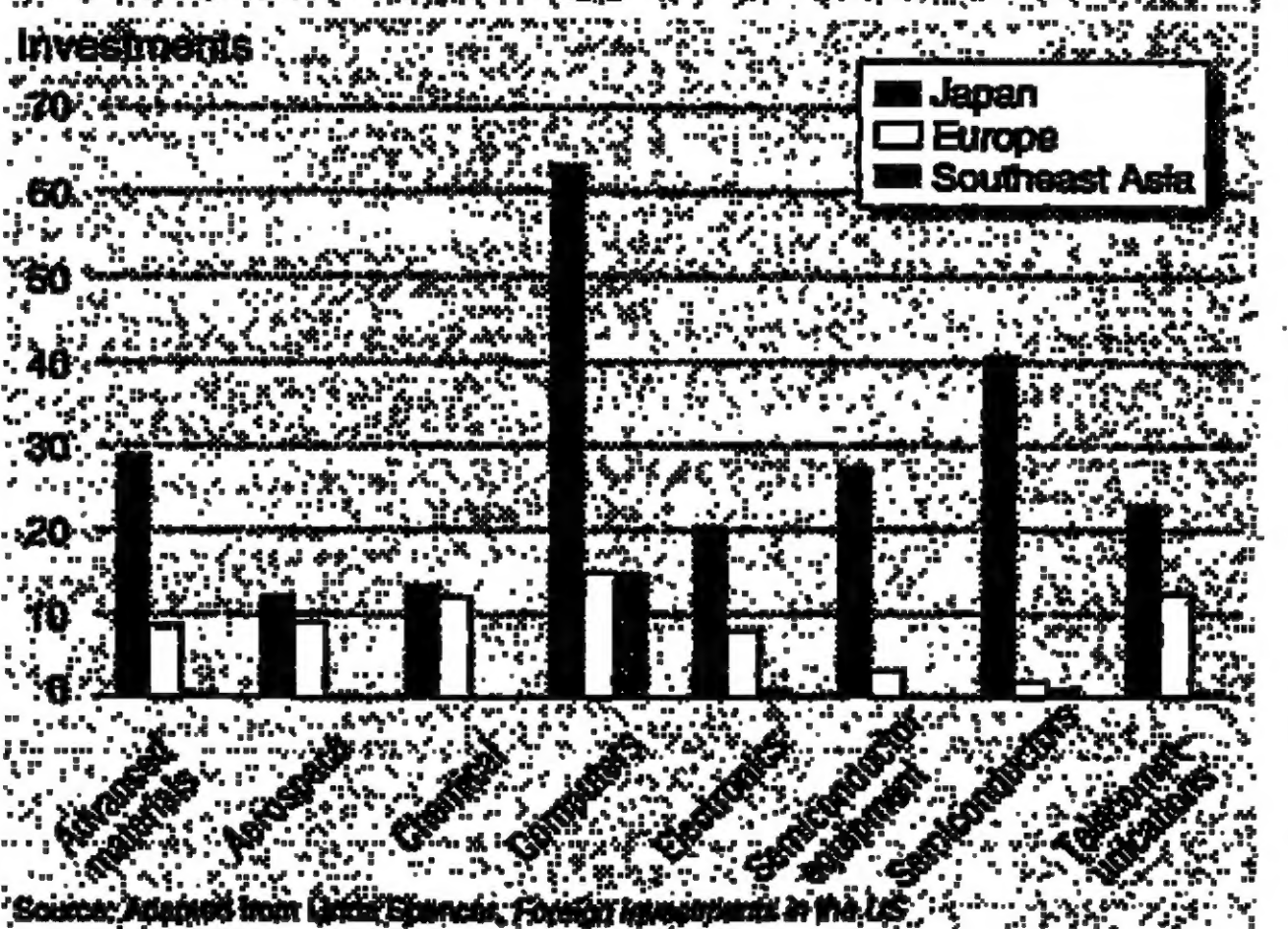
tions. Its research, based on data from Dataquest, the high-technology consultancy, shows such alliances account for some two-thirds of US-Japanese chip alliances.

The increase in these has been spurred by the rising importance of the Japanese market, which US companies needed to join Japanese thirst for new technologies has led them to invest heavily in US chip companies, mainly start-up ones needing funds. The NRC report cites another study indicating Japanese chip investments make up about 90 per cent of all the industry's investments.

Recent developments include the high cost of investing in factories and the need for greater resources than any one company can muster to market a product quickly. Japanese companies' manufacturing capability has been a compelling factor for US chip companies which face the need to bring a product to the market quickly, as well as second-source their product. The council argues that while individual companies may benefit from alliances with Japanese ones by gaining funds and market access, these alliances may not provide the US chip industry with the stronger manufacturing infrastructure it needs.

Historically, US companies did not necessarily come out at

Foreign investments in US high technology



the top end of an alliance, says Mr Howard High of Intel, the US semiconductor company which recently agreed jointly to make flash memory chips with Sharp of Japan. But "the structure of the deals and the attitude is quite different to what you used to see in the early to mid-1980s". Now Japanese companies are recognised as major players in the industry, US groups are trying to improve safeguards against one-way technology flows.

IBM, a target of concern for its development pact with Toshiba and Siemens, says its

alliances bring benefits beyond sharing the financial burden, including skills helping speed development processes. "The idea is speed to market," an IBM official says. Concern that developments funded by tax were being given away to foreigners was misfounded. "Sematech focuses on manufacturing processes, where alliances focus on products." Even for big chip companies, the need to invest huge sums in manufacturing capacity and be quick to the market with new technology, means "it's a tough call," Mr High says.

Intel is a leader in flash memories, a market likely to grow. Flash is a chip retaining memory after switch-off. Intel knew it needed greater capacity to bring the product to the market quickly, as the Japanese makers were working on it too. No advanced chip plants were readily available for extra output in the US, and because setting up a new plant takes time and money, that option meant it might miss the boat.

Such are the pressures US chip groups face in trying to lead a fast-changing market. The council says that without effort to ensure foreign alliances bring benefits to the US, the possibility of the US supplying new ideas to foreigners deriving most of the value-added, "is a real concern."

Chip groups say cross-border co-operation is essential. No company, or nation, can adequately serve all markets; they must increasingly co-operate, says Mr Pat Weber, executive vice-president of Texas Instruments. Policies to keep technologies in the US are obsolete. Enabling US companies to serve global markets "is, in the end, in the US national interest."

"US-Japan Strategic Alliances in the Semiconductor Industry: Technology Transfer, Competition, and Public Policy," NRC, National Academy Press, Washington DC, 1992.

Boeing wins \$1.2bn order from Dallas airline

By Paul Betts, Aerospace Correspondent

BOEING of the US yesterday won a \$1.2bn (\$630m) order for 34 twin-engine 737-300 airliners from Southwest Airlines, the Dallas-based carrier.

Boeing is also understood to have taken the edge over the European Airbus consortium in competition to sell wide-body jets to China Southern Airlines, the Cantonese-based carrier.

The Chinese airline, which operates Boeing 737 and 757 airliners, is believed to have signed a memorandum of understanding to buy six Boeing 777 widebody jets.

The 777, Boeing's latest aircraft, has been in competition with the Airbus A330 wide-body airliner for the Chinese order.

If the deal is confirmed, Rolls-Royce, the UK aero-engine maker, appears to be in a good position to win the engine order to power the Chinese 777s.

Rolls-Royce is providing the engines for China Southern's fleet of 787s.

It would be Boeing's first sale of 777s to China. Boeing would not comment on the Chinese deal yesterday, but confirmed Southwest Airlines' intention to order 34 Boeing 737-300s.

This would bring total orders for 737s to 3,019 (more than 3,000 being a milestone in the commercial jet airliner market).

Boeing said yesterday that Southwest intended to convert 30 options it holds on 737 airliners to firm orders.

It would also place four new orders, all for delivery between 1995 and 1997.

China to allow foreign investment in transport

CHINA IS to allow foreign investment in the construction and management of roads and docks, according to the official China Daily. Reuter reports from Beijing. The aim was to speed up the modernisation of China's transport network, which was impeding overall

economic development, the newspaper said.

Foreigners will now be able to enter the transport business through joint ventures with Chinese partners. "Foreign companies are expected to give the industry a tremendous push," China Daily said.

Coca-Cola expands in Romania

ROMANIA is set to have two more Coca-Cola bottling plants, following announcement of a \$25m (£13m) investment from Leventis Group, a privately held Greek-Cypriot company, yesterday. Virginia Marsh reports from Bucharest.

Leventis, which runs 30

bottling plants worldwide under Coca-Cola franchise, including six in Bulgaria, plans to open factories in two regional cities, Iasi and Oradea, early next year.

A Leventis Romania official said the company will serve the Transylvanian and Molda-

vian regions, a market of around 10m, with Coca-Cola itself retaining Wallachia, including Bucharest.

PepsiCo, Coca-Cola's main rival, said in May it had expanded its daily output in Romania to 250,000 litres and hoped to boost it further.

ABB in Venezuelan deal

By Ian Rodger in Zurich

ABB Asea Brown Boveri, the Swedish-Swiss engineering group, said its Lummus Crest subsidiary in the US had won a \$270m (£141m) turnkey contract to engineer and build a linear polyethylene plant for

Petroquímica de Venezuela. The plant will use Dupont Canada's proprietary Sclairtech technology to make a wide range of linear resin grades and have a capacity of 150,000 metric tons a year. It is set to begin commercial operation in the first quarter of 1994.



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brings down a minister in a political party but could inflation of 20 per cent if the poor results of some policy.

The supreme council of a powerful São Paulo Police of Industries is also pressuring to ask the government to reduce interest rates and the timetable of reduction of import tariffs.

But the majority of the local community both inside and outside Brazil is nervous about the effects of change in policy or the resignation of Mr. Moreira. Some this could result in hyperinflation and a collapse of the accord with the IMF.

The central bank has been intervening heavily in the market to prevent the cruzeiro falling too much against the dollar and Brazilian debt on the secondary markets has fallen 50 cents.

For the time being Mr. Collor is managing to contain the PFL's pleas and Mr. Bresser's resistance to a change of policy. However, political pressures will mount as the congressional inquiry into corruption comes to an end.

August 22, after which a impeachment process is expected to begin.

at a price

open commercial transactions related to their operations: open codebook arrangements, the right of carrier to perform its ground handling in the country, and a pledge for discriminatory operation and access to computer reservation systems.

Boeing wins \$1.2bn order from Dallas airline

By Paul Bens, Aerospace Correspondent

BOEING of the US received a \$1.2bn (950m) order for 24 twin-engine 737-400 aircraft from Southwest Airlines, the Dallas-based carrier.

Boeing is also understood to have taken the edge over European Airbus consortium in competition to sell its 737-400 to China Southern Airlines, the Canton-based carrier.

The Chinese airline, which operates Boeing 737 and 747 aircraft, is believed to have given a memorandum of understanding to buy an additional 100 widebody jets.

The 737-400, Boeing's latest aircraft, has been in competition with the Airbus A320 as a body carrier for the Chinese order.

If the deal is confirmed, it would be Boeing's first sale of 737-400 to China. Boeing would not comment on a Chinese deal yesterday, but confirmed Southwest Airlines' intention to order 24 Boeing 737-400s.

This would bring Boeing's orders for 737-400s to 100, more than 100 being a milestone in the commercial jet market.

Boeing said yesterday that Southwest intended to cancel 50 options it holds on 737-400s to firm orders.

It would also place four new orders, all for delivery between 1995 and 1997.

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NEWS: UK

Hurd attacks opponents of Maastricht

By Ivo Dawney,
Political Correspondent

MR DOUGLAS Hurd, the foreign secretary, delivered an uncharacteristically robust attack yesterday on Britain's so-called Euro-sceptics, arguing that opponents of the Maastricht treaty offered "no convincing alternative."

His speech to local Conservatives in Cumnestown, north Scotland, acknowledged that the European Community had "caused our national back to rise" on occasions, but also said Britain could claim important successes in changing the course of the EC.

It was the UK's intention to conclude its six-month-long tenure of the presidency with negotiating mandates in place for the accession of Austria, Sweden and Finland, he added.

"On the single market, on the rule of law, on the principle of minimum interference, on enlargement and on keeping co-operation against crime and on foreign policy intergovernmental, it is British ideas which are carrying the day," he claimed.

Like recent remarks by Mr John Major, the prime minister, Mr Hurd took pains to point out that it was Mrs Margaret (now Lady) Thatcher

who had helped to create the Single European Act - the enabling legislation for the single market which has been criticised by Euro-sceptics.

By contrast, he went on to argue that under Mr Major's leadership, provisions negotiated by the UK at Maastricht were, for the first time, decentralising Community decision-making and ensuring that EC legislation would be more rigorously enforced by the European Court.

Mr Hurd confirmed that UK government departments were scouring their portfolios for EC legislation that should be assigned to "the knacker's yard".

In the Council of Ministers, the British presidency was seeking procedures to ensure that "minimum interference" becomes the guiding principle of the Community.

In a clear swipe at his critics, the foreign secretary said Britain's plans for the EC contradicted the "neurotic drip-feed of Brussels horror stories retailed in certain quarters".

His comments appear to come as part of a concerted government campaign to "sell" its European Community policies to the Conservative party before the House of Commons reconvenes to ratify the Maastricht accord.

Water companies fear huge increase in costs

By Bronwen Maddox,
Environment Correspondent

UK WATER companies may have to spend up to £60bn this decade - double the level projected when they were privatised in December 1989 - to comply with new regulations on water quality, industry executives said last night.

In the most extreme projections, if all directives were enforced, it could

mean that water bills rose by over 100 per cent this decade on top of inflation, several water companies remarked, ahead of next week's report from Ofwat, the water industry watchdog.

Next Thursday Mr Ian Hyatt, Ofwat's director general, in a review called The Cost of Quality, will look at how water and bills might rise in the last five years of the 1990s depending on which water quality directives are enforced.

The greatest rise in spending plans is due to the European Community directive on Urban Waste Water, now in final stages of discussion.

Implementation of EC directives on discharge of sludge at sea could add another £2bn, as could full implementation of directives on pesticides in drinking water. One of the biggest uncertainties is whether the World Health Organisation will recommend

late this year that standards on the level of lead in water should be raised. Replacement of lead pipes "could easily add another few billion" one water company finance director said.

The Water Services Association, which represents the large water companies, has repeatedly argued that some of the EC directives on drinking water, which are expensive to implement, are purely "aesthetic".

Commuters queue for topless bus

LONDON Central Bus Company, one of the 10 subsidiaries of London Buses, has introduced an open-top bus to one of its prime commuter routes for the summer, writes Richard Tomkins.

The converted Routemaster, normally used for private hire, is working on the Number 12 route between Peckham Rye and Marble Arch until September 4.

It cannot carry on beyond Marble Arch into west London because of the overhanging trees on the Bayswater Road. London Central said the bus had proved so popular that people waited for it in the rain and sat upstairs with umbrellas.

The Department of Transport, meanwhile, has disclosed that the number of buses travelling into central London fell 13 per cent over the two years to last summer. Most of the decrease resulted from a fall in the number of tourist coaches.



On the buses: passengers go topless on the Number 12 bus from Marble Arch to Peckham as it crosses Westminster Bridge

Institute urges new auditing regulations

HUNDREDS of thousands of small companies should be freed from the requirement to be audited, the Institute of Chartered Accountants in England and Wales said yesterday, writes Andrew Jack.

In a consultative document submitted to the Department of Trade and Industry, the institute called for an end to compulsory audits for more than 250,000 companies with turnover below £36,000, the threshold for registration for value added tax.

It said companies with turnover below £300,000 a year should also be exempt from auditing on a unanimous vote from their shareholders.

Mr Chris Swinson, chairman of the institute's financial reporting and auditing group, said many people viewed statutory auditing as "a needless and expensive burden for smaller companies".

He estimated abolishing the audit could reduce a small company's payments to its accountant by 20 to 50 per cent. There might be a case, he said, for requiring a qualified accountant to sign a "compilation report" - short of a full audit - on the preparation of the accounts.

The debate over auditing of small companies was rekindled earlier this year when Mr John Redwood, then minister for corporate affairs at the Department of Trade and Industry, indicated he was considering the case for abolition.

● Serious doubts over the effectiveness of the Cadbury report on corporate governance were raised yesterday after two of the most important bodies representing accountants questioned how far its code of conduct can be enforced.

The Institute of Chartered Accountants warned in a submission to the Cadbury committee that it had "serious misgivings" about auditors certifying that companies have followed with the code.

Separately, the Auditing Practices Board dismissed the use of auditors to check compliance with the qualitative aspects of the code as impracticable.

Travel boss files for bankruptcy

By Michael Skapinker,
Leisure Industries Correspondent

MR VALERE TJOLLE, chairman of the Land Travel coach company which collapsed last month, filed for personal bankruptcy yesterday, removing any hope that creditors may recover their money.

Grant Thornton, the liquidators, are holding a creditors' meeting at a Bristol hotel today. Customers who made bookings with Land Travel have been advised to stay away as there is no prospect of

receiving any payment.

Mr Tjolle attributed his bankruptcy to the Land Travel collapse, in which he lost more than £400,000, and to failed property investments made in 1988 and 1989. The property investments were funded by bank loans made on the strength of shares Mr Tjolle held in the Granada Group.

The rise in interest rates and a drop in Granada's share price had made it impossible to repay the loans, Mr Tjolle said. Granada owned Land Travel's holding company, Beau Nash Enterprises, from 1987 to 1990,

when it was sold to Mr Tjolle.

Mr Robert Buller, the Grant Thornton liquidator, said: "From our appointment it was clear that liquidators were unlikely to receive any payment from Land Travel. The only real hope for creditors would have been to mount a successful claim against Mr Tjolle. Now that he has filed for personal bankruptcy, this last hope has been removed."

General Accident, underwriters of Land Travel's holiday insurance, said policies did not cover the loss of holidays through liquidation.

Shirayama takes action on County Hall

By Andrew Adonis

THE CONTROVERSY over the future of London's County Hall reached the High Court yesterday, with Shirayama, the Japanese purchaser of the Thameside building, serving a writ to overturn the government's decision to allow the London School of Economics to bid for the site.

Shirayama is seeking judicial review of last month's instruction by Mr Michael Howard, environment secretary, to the London Residuary Body, which owns County Hall, not to proceed with the sale without his consent.

The order - made under the legislation that abolished the Greater London Council - was to allow the LSE to submit a late bid, although the government had earlier endorsed the Shirayama sale.

Having decided to allow the LSE to bid, Mr Howard was forced to issue a formal order because the residuary body had made clear its unwillingness to entertain a further bid.

The LSE last week submitted a bid of \$65m for the entire County Hall site. That is less than the \$60m sale price to Shirayama for the main riverside building alone, which it wishes to convert to a hotel. However, the LSE argues that national interest considerations justify its bid.

Mr Howard's action has infuriated Shirayama, which believes the government has acted in bad faith over the sale. The Japanese company's application for judicial review argues that the order was grossly unreasonable, since the LSE's interest in the site was evident at the time of the original sale in March.

It asserts that Mr Howard's actions have placed Shirayama in "an invidious commercial position" and have "undermined" their plans for financing the project. "The uncertainty requires to be resolved urgently," it says.

An opt-out clause in the Shirayama sale contract gives the government until the end of November to withdraw from the deal, but the London Residuary Body earlier this week "strongly urged" Mr Howard to reject the LSE bid and to delete the escape clause.



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Britain in brief



Courts to allow limited TV coverage

Scotland is to become the first place in the UK to allow television cameras to cover certain proceedings. Lord Hope, head of the Scottish judiciary, yesterday announced he was in favour of TV cameras covering appeal hearings.

Lord Hope said it was likely that court proceedings could be televised "without undue interference in the conduct of proceedings."

The historic decision was immediately welcomed by the Bar Council in London which said that the Scottish judiciary's decision should be emulated in England and Wales.

It was also welcomed by advocates and solicitors in Scotland, and by broadcasting organisations.

New car sales fall 8.5%

UK new car sales fell by 8.5 per cent in July ending a run of three successive months in which registrations increased modestly from last year's very depressed level.

The renewed drop in car sales was reinforced by a further decline in new commercial vehicle registrations in July, which were 20.9 per cent lower than a year ago.

New car sales in the first seven months of the year at 801,796 were 4.3 per cent lower than a year ago and 35.7 per cent lower than in the peak year of 1989 according to figures released yesterday by the Society of Motor Manufacturers and Traders.

BT and Motorola, the US communications and semiconductor group, are developing a multimedia chip set that would bring videoconferencing to desktop PCs for less than £1,000.

Users of the PC will not only be able to talk to each other but also to see each other on

their PC screen, and "window swap," that is, send any data, images and video on the screen to each other down the telephone line at the same time.

The telecommunications group plans to bring out the PC, based on the chip set and an add-on card that will transform most business-use PCs to videoconferencing units in 1994. The products will be launched internationally.

Power group threatens action

Electricity and coal unions have linked up with large electricity consumers in a new lobbying group, which is threatening to take the electricity regulator, Professor Stephen Littlechild, to court.

The Coalition for Fair Electricity Regulation - Coffer - claims he is standing by while new gas-fired power stations secure contracts that will push old coal stations off the market, pushing up electricity prices and threatening hundreds of thousands of power station jobs.

Coffer has written to the regulator giving him three weeks to convince the users and unions that there is no reason for them to go to the High Court to seek judicial review of his decisions.

Verdicts in pensions case

Three men have been convicted at Birmingham Crown Court of conspiring to defraud pension funds of Aveling Barford, a Grantham, Lincolnshire, engineering company. Two others were cleared of being part of the conspiracy.

The verdicts came at the end of a four and a half month trial in which it was alleged that £8.7m had been taken from the pension funds and used as capital for Aveling Barford and the payment of commissions.

Mr Robin Chapman, who was Aveling Barford's solicitor, Mr David Carter, a financial adviser, and pensions expert, and Mr Graham Severn, a former director of Midminster, an investment adviser, were found guilty of conspiring to defraud the pension funds' trustees and beneficiaries by failing to disclose to them the true nature and value of a £8.7m investment in a Royal Heritage Life Assurance pension portfolio.

Mr Peter Murphy, a former executive director of Aveling Barford, and Mr Harold Hob-



Striking out: England batsman Alec Stewart skies a ball during the fifth and final test match between England and Pakistan. The England cricket team slumped to 207 all out on the first day of the five-day match at the Oval ground in south London.

son, another former director of Midminster, were found not guilty on that charge.

Company cars under threat

The beginning of the end of the company car as a perk was forecast in a report which found growing evidence that employers are withdrawing them and offering cash instead. Many companies contemplating abandoning company cars because of diminishing tax benefits and the recession, according to the report by Incomes Data Services.

Increase in M-way services

A big increase in the number of motorway service areas will result from new arrangements for building them announced by the government.

Mr John MacGregor, transport secretary, said the private sector would take over from the government in deciding where to build the service areas, and that the minimum distance between them would be cut from 30 to 15 miles.

Strict rules, however, will prevent service areas expand-

Maxwell yacht sold

The luxury yacht from which disgraced media tycoon Robert Maxwell fell to his death has been sold to an anonymous buyer for an undisclosed price. Lady Ghislaine, named after Maxwell's 29-year-old daughter, was for sale for £11m. It is thought the buyer paid at least £1m.

Warning on washer-driers

The Consumers' Association has called for the government to introduce a mechanism for recalling dangerous goods after an elderly widow in Sheffield died when her faulty washer-drier machine burst into flames.

About 42,000 of the faulty Candy Turbomatic washing machines, made in Italy, have been sold in the UK, of which only 6,700 have been recalled to have the fault fixed, the association claimed.

Institute urges new auditing regulations

HUNDREDS of thousands of small companies should be freed from the requirements of the Institute of Chartered Accountants, says a new report. The report, submitted to the Department of Trade and Industry, calls for a new compulsory audit for turnover below £30,000 and for more than 250,000 companies with turnover below £30,000. The report also calls for a new audit for companies with turnover below £30,000 and for more than 250,000 companies with turnover below £30,000. The report also calls for a new audit for companies with turnover below £30,000 and for more than 250,000 companies with turnover below £30,000.

The small and the weak take the stage

Fledgling countries are starting to win medals. But over them looms China, says Peter Berlin

WHEN Piet Norval and Wayne Ferreira met Goran Ivanisevic and Goran Prpic in a tennis doubles semi-final the other day, it signalled a small piece of Olympic history. Both pairs were already assured of medals. This meant that Norval and Ferreira were the first South Africans to win Olympic medals since boxer Daniel Bekker and William Meyers, 400 metres runner Malcolm Spence, collected a silver and two bronzes in Rome in 1960. The two Gorans were the first ever to win Olympic medals in the name of Croatia.

There have been many other happy returns in these Games. Erika Salumae won Estonia's first gold since the palmy days when they were a power in weightlifting and wrestling and before the Soviet Union invaded them. After her victory in the women's cycling sprint, Salumae said happily: "It's marvellous. I think that, at the moment, they are throwing a huge party in my country. It's very exciting."

There are 172 countries entered in these Olympics, a record. But for 1996 the Atlanta organising committee is planning to welcome 190 to the centenary Games. Atlanta calculates there will be 13 more teams from what used to be the Soviet Union, plus five countries that no one has yet thought of - Catalonia, for example. The Barcelona Games will probably mark the only appearance of the Unified Team. They might also mark the

solitary Olympic entry of Bosnia-Herzegovina and of the Independent Olympic Participants, which is Serbia and Montenegro under a five-ringed flag of convenience. The war in the Balkans has cast a strange glow over the Olympics. Ivanisevic, never slow to take the moral and political high ground, proclaimed after one five-set victory: "Today I was tired but I think that winning a medal for my country, Croatia, gives me strength to do anything."

These Games have also seen the continued spread of medals to developing countries. On Wednesday evening, Ximena Restrepo came third in the women's 400m to win Colombia's first athletics medal. The increased number of events has also helped put unaccustomed names on the medal table. Indonesia won its first Olympic medal, a silver in archery, in Seoul. In Barcelona it has already won two golds, two silvers and a bronze, all in badminton, which is an Olympic sport for the first time. But the biggest redistribution of medals has been to the People's Republic of China. It re-entered Olympic competition in Los Angeles in 1984 with 32 medals. It won 28 in Seoul. Its total in Barcelona is already way past that. A lot of eyes in Barcelona have focused on the gallant performances of the many small or weak nations. But over them all looms the growing power of one very big nation.

OLYMPIC NEWS IN BRIEF

US hammer thrower faces four-year ban



American hammer thrower Jud Logan was thrown out of the Olympics after he became the first US athlete in 16 years to fail a drug test at the Games. The International Olympic Committee said earlier that Logan had tested positive for clenbuterol, a banned anabolic-type drug. Logan, 33, said he used clenbuterol until last February but stopped using it when he learned it was banned. The International Amateur Athletic Federation must decide whether to impose sanctions on Logan. IAAF rules state that athletes testing positive for anabolic steroids face an automatic four-year suspension. The IOC has already announced that women's marathoner Madina Biktagirova of the Unified Team tested positive for the banned stimulant norephedrine. Biktagirova, 27, who finished fourth, returned home before the test result was made public. The first competitor to be disqualified was Wu Dan, a female volleyball player from China who tested positive for the stimulant strychnine.

Games bid cities' restraint

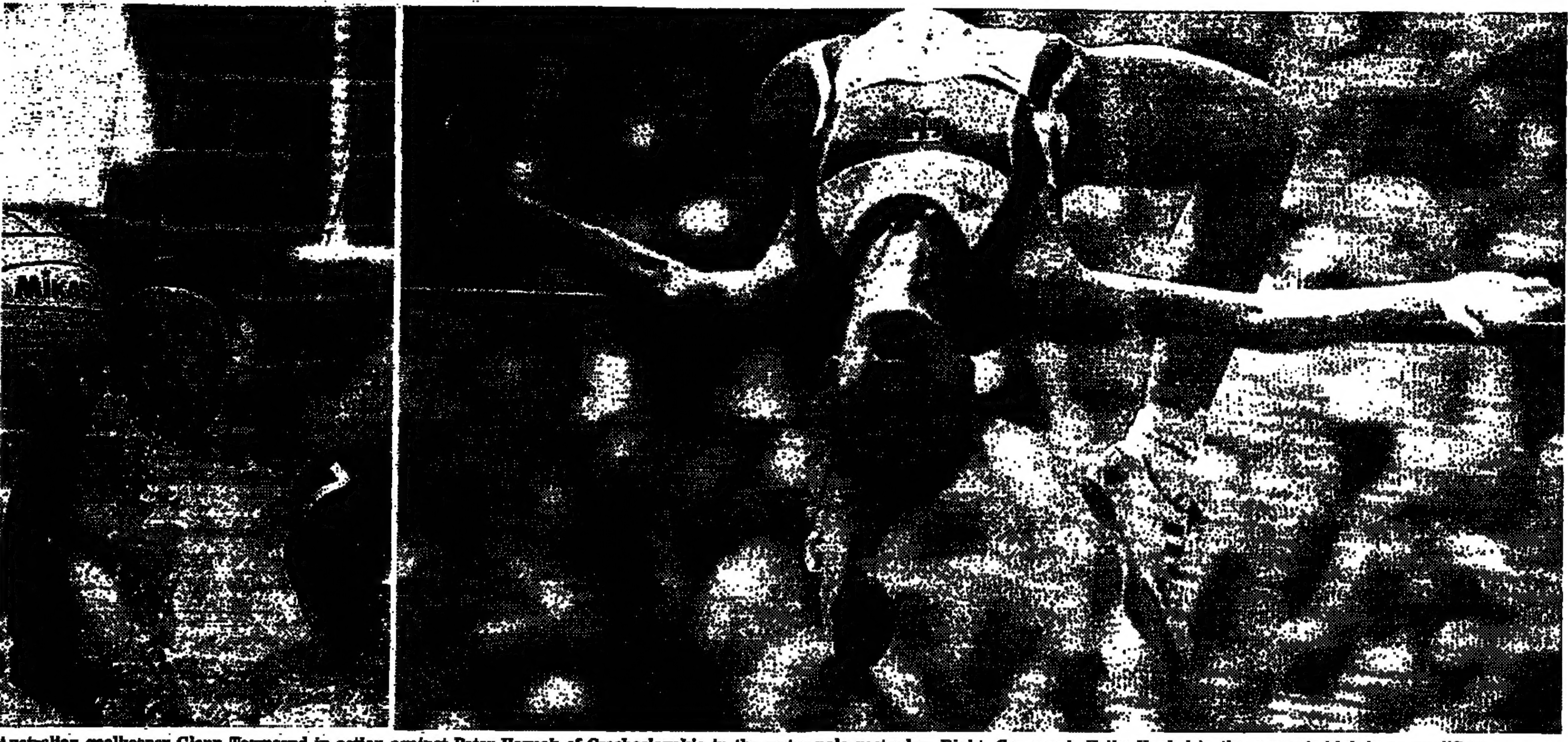
The eight cities bidding for the 2000 Olympics have promised not to wine, dine and lavish gifts on IOC members. "The candidate cities have entered into a gentlemen's agreement. We are very pleased. It gives us a chance not to appear as a bureaucratic police force," IOC secretary-general Francois Carrard said. The cities competing for the 2000 Games are Beijing, Sydney, Manchester, Tashkent, Istanbul, Brasilia, Milan and Berlin. The IOC will meet in Monte Carlo in September 1993 to select the host city.

Sweden wins table tennis title

Sweden's Jan Ove Waldner kisses his gold medal after his crushing defeat of French world number one Jean-Philippe Gatien in the final of the men's table tennis singles. The win by Waldner, who has won the world championship twice, gives Sweden its first gold medal. Waldner beat Gatien in three straight sets with a score of 21-10, 21-18, 20-23.

Torrence sweeps to 200m gold

Gwen Torrence of the US won the women's 200m in 21.81sec from Jamaicans Juliet Outhbert (22.09) and Merlene Ottey (22.09). Michael Marsh of the US won the gold medal in the 200m dash in a time of 20.01 seconds. Frankie Fredericks of Namibia finished second in 20.33, with bronze going to Michael Bates of the US (20.38). Britons John Regis and Marcus Adam came sixth and eighth respectively.



Australian goalkeeper Glenn Townsend in action against Peter Hornak of Czechoslovakia in the water polo yesterday. Right: Germany's Heike Henkel in the women's high jump qualifiers

Why women got a raw deal

Nicholas Woodsworth on the weaknesses of female sportspeople

It is not dance. It is not acrobatics. Nor is it a juvenile fashion show. It is something of all three. It is women's rhythmic gymnastics, and as the crowd's applause indicated yesterday in preliminary Olympic competition, it is a delight to watch. These are girls as young as 13, yet they have more grace than most of us will learn in a lifetime. There is also an astonishing mastery of physical skills. Some of the contestants move with lithe sensuality; others like modern jazz dancers. All have the ability to make ordinary objects and movements riveting.

I saw Celine Degrange of France transform an ordinary skipping rope into a living thing: it flew through the air with a will of its own, wound around her body like a snake, writhed and circled at her feet. I am fascinated by female gymnasts' youthful energy and character, but their bodies are a mystery. All-female gymnastic competitions are nominally women's events, but nowhere are women to be seen. Here are girls who begin a rigorous training programme at six and reach their peak at an average

age of 16. Yet even in the most difficult exercises on bars and beams, their dynamism and speed often exceed that of male gymnasts in their mid-20s. These days, top female gymnasts in their mid-20s are unheard of. In recent years women's gymnastic techniques have altered radically, coming to resemble men's much more, and the age of competitors has plummeted. In gymnastics, it seems, the more a woman is shaped like a man the better she is at performing athletic tasks. Could Nature, I wondered, have dealt a low hand to women in other physical skills? The answer is generally yes. Consider women's legs. They do not, like men's legs, run parallel from the hips. Instead, because women have spacious childbearing hips, their legs are set wider apart and run at a pronounced angle down towards the knees. Consequently, most women tend to play out their heels when they run. Not only does this make them less efficient runners, but such an articulation pushes the kneecap outwards, causing its underside to

rub against the femur below - often the cause of pain and injury. But a woman's legs are just the beginning of Nature's conspiracy to put her at a sporting disadvantage against men. Throughout the world men are on average 7 per cent taller than women. Men have wider shoulders, longer and more muscles in the back and chest, and greater strength in the thorax. Men have longer arms than women, which gives them greater bio-mechanical leverage and greater ability to project objects at velocity in ball and racket sports. The amount of a woman's body weight given to fat puts them at a considerable disadvantage in many sports. Perhaps the greatest difference between men and women's sporting abilities lies in their cardio-vascular systems. Relative to their body size women have smaller hearts than men and less pumping capacity. Women carry about a litre less blood than males, and that blood has fewer oxygen-carrying red cells and less haemoglobin. Women's lungs are about 10 per cent smaller than men's. Together, differences in heart, blood and lungs make women's oxygen utilisation only 75 per cent that of men's. The good Lord, however, has not made men's relative advantages an entirely one-sided affair. Women's bodies function in cold better because of their additional body fat. Because they sweat less they adapt better to heat and aridity. They have greater resistance to cold water and float better; eight out of the 10 fastest English channel swimmers are female. Women also have greater physical flexibility, a better sense of balance, a higher pain threshold and greater manual dexterity. However, generalisations are dangerous. Myths of masculine physical superiority and female weaknesses are disproved every day. Try it for yourself. Step out on to the gymnastics floor and achieve just a fraction of the grace and finesse of those small, young people trailing satin ribbons behind them. Hats off to the man who can do it.

Dream Team may not be asked back

By Keith Wheatley

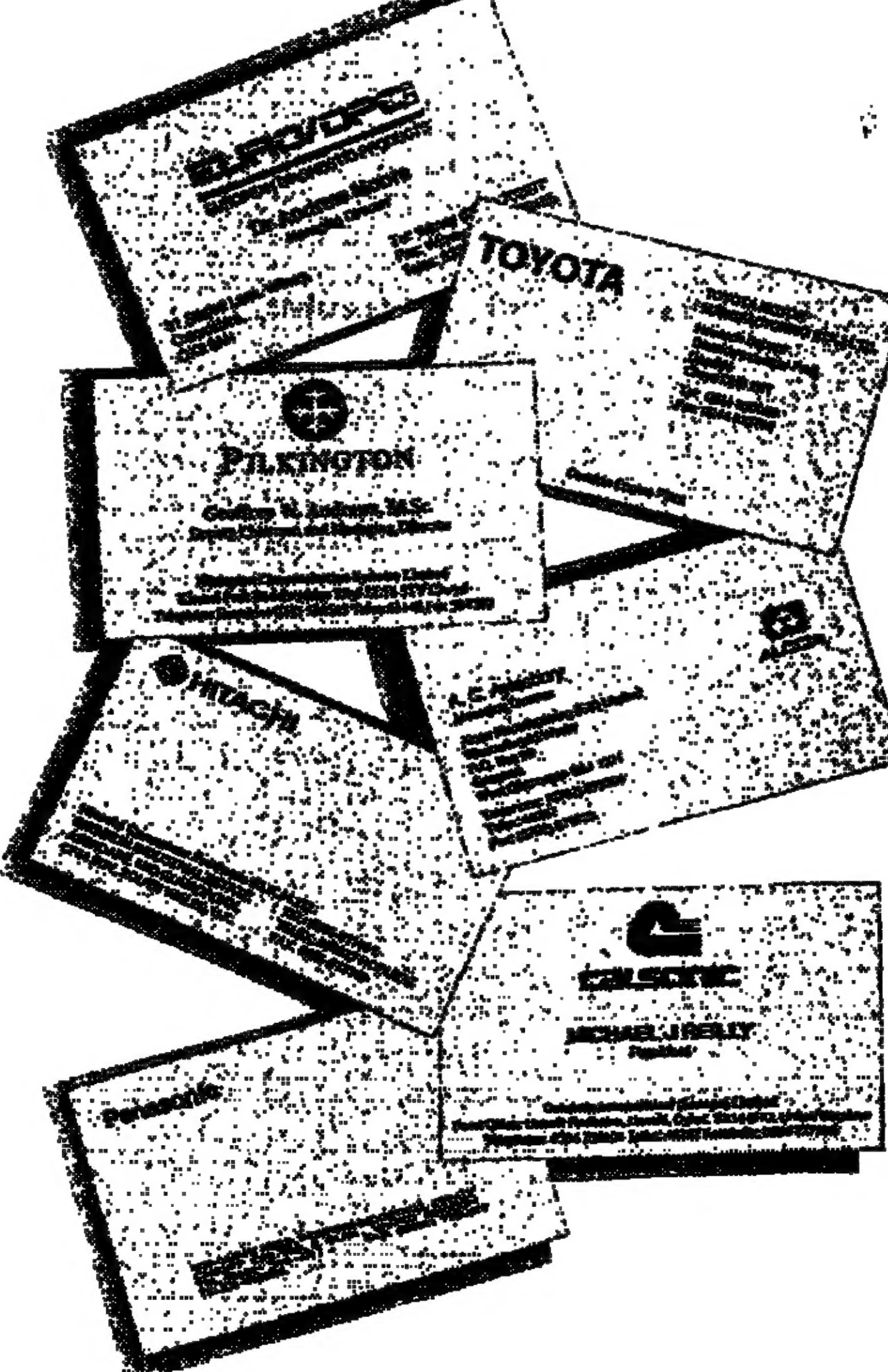
WHEN the Olympic party is winding down, one's attention turns to farewells. Some stars have announced their retirement from Olympic competition. In other cases a glance at the calendar provides its own brutal conclusion. Evelyn Ashford is going of her own accord. The US 100 metres runner has been among the best-loved of that country's galaxy of sprinters. Now 35, she first competed at the 1976 Montreal Games, coming fifth in the 100m. She holds the second-fastest time ever for the distance and has broken 11 seconds 33 times. At the Los Angeles Games Ashford won two gold medals, taking another in the 4x100m relay in Seoul. Watch for a tidal wave of emotion in the big stadium when she runs her final relay tomorrow. Fate has been less kind to another, equally talented, female runner. Ans Quirot has had the misfortune to be

Cuban in a decade when politics have been as big a factor at the Olympics as the stopwatch. Since the early 1980s she has been winning World Cups and Pan-American titles. What Ana did not do, because of boycotts, was run in the Los Angeles or Seoul Games. Barcelona was her first Olympics, and a bronze medal was the best this fine athlete could manage. One must wonder if Carl Lewis will thrill another Olympic stadium? He had some claim to bad luck in the sprint trials for the US team but a look at Linford Christie's gold medal in the 100m gives a clue to their joint futures. At 32 Christie was older by four years than any previous 100m champion and his chances of repeating the triumph in four years' time, in Atlanta, must be minuscule. Lewis is just a few months younger than the British star. Predicting the age at which swimmers need to find another pool has become risky. Money

has kept mature swimmers such as US hero Matt Biondi in the water far longer than one would have predicted at Seoul, where he won seven medals, five of them gold. Biondi has won two gold medals in Barcelona. "If you've been around the block, you know how to go around the block," shrugs Biondi, 26. British swimming stars Adrian Moorhouse and Sharon Davies have both announced their goodbyes to Olympic competition. Both have been British swimming's only instantly recognisable characters and the sport will miss their charisma. On top of the water rather than in it, Barcelona seems certain to sound the swansong for Italy's extraordinary Abbagnale brothers. Rowing has seldom seen a duo such as Giuseppe, 33, and Carmine, 30. In the coxed pairs they have won seven of the last nine world championships and came to Barcelona looking for their third consecutive Olympic gold medal.

Ironically, Britain's Searle brothers - Jonathan, 23, and Gregory, 20 - took the gold medal in that event. They are exactly 10 years younger than the Abbagnales. Another, somewhat larger, ensemble we may not see again is American basketball's Dream Team. US officials are saying that the squad for the next Games may exclude National Basketball Association players. "Bird", "Magic" and "Air" have looked too much like Ugly Americans with their squabbles over sponsorship and status. Finally, *Adios!* to a few animals. That much-loved horse Murphy himself has raced his final cross-country event for British rider Ian Stark, who says that Murphy was the greatest horse he ever rode. Few people have said such kind things about Cobi, the squashy little mascot used to market the Games. Atlanta's designers are working in secrecy on his successor.

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THE WELSH ADVANTAGE.



Maxwell yacht sold

The 110ft yacht, built by the famous boatbuilder, was sold to a private buyer for £1.5m. The yacht was built in 1980 and has been owned by the Maxwell family since then.

Warning on washer-driers

The Consumers' Association has called for the government to introduce a mechanism to prevent dangerous goods from being sold in the UK. The association has warned that washer-driers are a fire hazard and should be banned from sale.

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For the highest bid with sealed binding offers for the sale, in toto of the Assets of the Company "Vivavale S.A. - Cast Steel Thessaloniki" with head office in Thessaloniki (the Company) described in detail in the OFFERING MEMORANDUM of July 1992.

ACTIVITY AND BRIEF DESCRIPTION OF THE COMPANY

The Company was founded in 1975 with head office in Thessaloniki, and operating until the end of 1980. Then, it was declared in bankruptcy and until the end of 1986, when it was subject to the special liquidation provided by article 7 of Law 1386/1983, was involved in the industry products of water works and irrigation made from cast iron (valves, wells, etc.).

The Company owns a factory which has been out of operation since 1986. Located on a 16,497 m² terrain at the 18th km of the highway of Thessaloniki-Verra, containing buildings, machinery and other equipment, furniture, ready-made products, as well as an electric power station.

The Company also owns land of 10,312 m² in Agios Athanasios, Thessaloniki.

CONDITIONS OF TENDER

1. For this purpose, interested parties are invited to request from the Liquidator the Offering Memorandum as well as the draft of a letter of Guarantee and submit a sealed binding offer to the Thessaloniki notary public responsible for the invitation to tender Mrs Mary Kolydakis-Spanou, 3 Bolnion str. 3rd Floor, tel 50-31-273599 up to 1st September 1992 at 15:30 hours. The submission of the offers must be made in person or by legally appointed representative.

2. The offers will be opened before the above mentioned notary public on 3rd September 1992 at 10:00 hours in the presence of the Liquidator and all persons who have submitted offers within the prescribed time limit. Offers submitted after the prescribed time limit will not be accepted and will not be taken into account.

3. The sealed binding offers must clearly indicate the offered price for the purchase, in toto, of the Company's Assets (as it is described in the OFFERING MEMORANDUM and the means of settlement, while the payment will not be dependent on any terms or conditions whatsoever and must be accompanied by a 6 months due, letter of guarantee issued by a bank legally operating in Greece, amounting to thirty million (30,000,000) DRA.

In the event that the bidder, to whom the Assets of the Company have been sold, does not abide by his obligation to appear and sign the relative sales contract within thirty (30) days from being invited to do so by the Liquidator, and to carry out the obligations resulting from the present invitation, then the above mentioned guarantee of thirty million (30,000,000) DRA will be forfeited in favour of the Liquidator "ETHNIKI KEPHALEOU S.A. Administration of Assets and Liabilities".

Guarantees deposited for participation in the tender will be returned to the other participants, after the adjudication of the tender, and to the highest bidder of the tender after the completion of the procedure of article 46a of Law 1892/90.

4. The highest bidder is the one, whose offer was judged by the Liquidator and approved by 51% of the creditors as being in their best interests.

5. The Liquidator is in no way liable and has no obligation towards participants in the tender, either with respect to his evaluation report of the offers, which he will submit to the creditors, or in regard to his proposal evaluating the highest bidder. Also, he is under no liability or obligation to those participating in the tender in the event of its cancellation or resumption, if the result is considered unfavourable by the creditors.

6. Those taking part in the tenders and submitting offers will not acquire any right or claim, deriving from the present and from their participation in the tender against the Liquidator and the creditors for any reason.

7. The transfer expenses (as defined by article 46a of Law 1892/1990) will be borne by the buyer.

8. The delivery of the goods offered for sale will take place at their present location.

9. "ETHNIKI KEPHALEOU S.A. Administration of Assets and Liabilities" has no responsibility whatsoever for either incomplete or inaccurate description of the Assets of the Company "Vivavale S.A. Cast Steel Thessaloniki", or for any actual or legal defects.

10. For further information or for obtaining the Offering Memorandum, as well as the draft of the letter of Guarantee please apply to:

a. The head Office of
ETHNIKI KEPHALEOU S.A.
Administration of Assets
and Liabilities,
1, Skoulouliou str.,
10561 Athens, Greece
(Mr. George Haratsis)
Tel: +30-1-3231484-87
Fax: +30-1-3217905

b. The Liquidator's agent Mr.
Achilles K. Filidis
54, Tsimiski str.
(6th Floor, office No 62)
54623 Thessaloniki, Greece
tel: +30-51-281226 and
+30-51-220353

LEGAL NOTICES

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INTERNATIONAL LIMITED
Company Number 240883
QUADRANT HAMPER LIMITED
Company Number 259923
Principal place of business
91 Abbey Road,
Dumfries,
Dumfriesshire DG7 4LE.

NOTICE IS HEREBY GIVEN, pursuant to Section 48(2) of the Insolvency Act 1986, that a meeting of creditors of the above named companies will be held at 1 East Parade, Sheffield S1 2ET on 14 August 1992 at 12 noon for the purpose of having laid before it a copy of the report prepared by the administrative receiver under Section 64 of the said Act. The meeting may if it thinks fit establish a committee to examine the functions conferred on creditors' committees by or under the Act.
G. Humphreys
Joint Administrative Receiver
31 July 1992

CONTRACTS & TENDERS

ANNOUNCEMENT FROM
REPUBLIC OF TURKEY
MINISTRY OF TRANSPORT AND COMMUNICATIONThe Tender for Consulting, Engineering and Supervision Services
and the Construction of Double Track High Speed Railway
and Rapid Train System for Ankara-Istanbul High Speed Railway
and Istanbul-Bosphorus Tube Tunnel Crossing

Under the Conditions of the Undersecretariat of Treasury and Foreign Trade:

- 1 - Consulting, Engineering and Supervision Services,
- 2 - The construction of high speed railway and rapid train system,

will be separately tendered with CREDITS by the Republic of Turkey, Ministry of Transport and Communication, General Directorate of Railways, Harbours and Airports Construction.

The subject of the tender is: the Consulting, Engineering and Supervision services and the construction of the double track electrified, signalized, high standard railway which, passes through Ankara-Sincan-Cayirhan-Arifiye-Istanbul, approximately 430km long together with the Istanbul Bosphorus Tube Tunnel Crossing and Rapid Train System.

The applications: for the Consulting, Engineering and Supervision shall be for whole of the work and for railway construction and Rapid train system can be for whole or part of the work.

Since the companies will be prequalified depending on their international experiences on similar works, they had carried out, the companies shall deliver the necessary documents showing their experience on the similar work, reference lists, credit proposals, approved by the related Bank or Institution or letter of credit offer, and apply for the tender alone or as a Joint Venture, not later than 15.9.1992, Tuesday at 17.00 hours to the Ministry of Transport and Communication, General Directorate of Railways, Harbours and Airports Construction, 91, Sokak Emek-ANKARA.



Lunch is an important part of doing business in Paris. But it has to be exploited with discretion. Correct business etiquette is crucial in France because social formalities are still more rigid there than in the Anglo-Saxon world, despite the liberalism which has swept French management in recent years.

So rule one is not to insult your guest by trying to use the lunch bluntly to further a contract or achieve some other kind of direct business gain, warns Marie-Hélène Descamps. As *attachée de presse* for former President Valéry Giscard d'Estaing, she is an unassailable authority on do's and don'ts of the lunch table.

"There are two kinds of business lunch. The first is to build up relations, without expecting anything in return, so that things are easier when you eventually do contract some business. The second is to discuss a deal already in the making or celebrate a deal afterwards. If you want to conclude a deal, that must be done in the office," she explains.

Never bore your guest by talking about business right at the start of the meal, she warns. This might be OK in London or New York, but it will only irritate most French businessmen. A private FT straw poll of public relations advisers and English executives in Paris produces the unanimous advice that a

A business lunch in the French capital is a serious affair. William Dawkins has a word of advice on the etiquette of where you should go and what to say

Treading warily over the snails

Le menu
Terrine de Coquilles Saint-Jacques au beurre de Basilic
Tournedos Périgourdin Haricots Verts Frais
Plateau de Fromages Affinés
Assommoir de crêpes au Coudis d'Abricot
Café

the coffee, because your guest might be in a hurry to leave by then," says a corporate public relations adviser.

The idea is encapsulated in the

colloquial French expression for a judiciously chosen moment: "entre la poire et le fromage". This is a bit confusing because cheese actually comes before dessert in France, but still, the principle is clear.

In addition, Descamps advises that it can be a good thing for a male host to be accompanied by an intelligent and presentable female public relations adviser. This is not an absolute rule, but it is common practice, as shown by the large number of young women in the Parisian PR industry. "A woman can be useful because she can get away with putting things in a more direct manner than a man," says Descamps.

Where to eat, of course, depends on who you are entertaining. The key rule is that style matters more than money.

If your guest is French, he will be agreeably flattered if you take him somewhere considered *branché* or "in". Try Fouquets (pronounced as in English) or Chez Edgard. These are both well-known watering holes for politicians and the better sort of media folk, which might suggest to your guest you are well-connected.

A non-French executive foreigner will obviously recognise none of the famous French faces round these tables, so do not bother. He or she would feel more flattered at one of the big names of the Parisian restaurant business, like Lucas Carton, Taillevent or the Tour d'Argent. Many Parisian business folk think places like this are a touch ostentatious, though they would be too polite or too pleased with the sublime food they serve to say so.

An alternative for foreign guests is one of those gilded places frequented by film stars and models, who they will admire even though they do not know their names, around the Avenue Montaigne. In this class, Plaza Athénée or the Bar des Théâtres - open from 8am to 2am - are recommended.

If you are already friendly with your French business contact, you might do well to take him slightly off the beaten track, a sign that you think he matters enough to justify a spot of personal effort.

In the summer, you might try one

of the very few good restaurants with quiet terraces or gardens, such as Récamier, Ledoyen or Laurent. Equally, you could produce a gem of a bistro that you might have discovered yourself, the sort of place noted in the back of many globe-trotting executives' diaries, ideally with a limited but superb menu and an authentic atmosphere. Descamps's personal favourite in this class is La Mariotte.

Mine is Café La Jatte, where a life-size dinosaur skeleton hovers over hot house plants and an excitingly eclectic menu - but it is slightly out of town. Back in the city centre, *branché* Parisians like smart Italian food, stylishly available at Stora.

A word of warning: some are closed in August, when many Parisians take a month off and when business on and off the table grinds to a halt.



Until he was made redundant last November, John fitted radios into one of the luxury carmaker's Coventry plants.

Now he is back at Jaguar again - this time as a trainee. John, 45, is one of more than 50 engineering trainees on the Jaguar project, a joint venture between the carmaker, Coventry and Warwickshire Tec and the local chamber of commerce.

The idea came up at the end of last year after falling sales had forced Jaguar to make one-third of its 12,000 workforce redundant and suspend its annual intake of trainees.

That left the company's training workshops empty - and expensive machinery gathering dust awaiting an economic upturn.

"We were committed to the training centre and wanted to keep the facilities open and operating," says Mike Kinski, personnel director.

The local Tec suggested a training partnership to use the

Experience counts as trainees go back to basics

Sarah Hegarty reports on a pioneering approach to gaining National Vocational Qualifications

empty space, and with training provided by the Coventry Chamber of Commerce, the Jaguar project officially opened at the end of April.

It is running two courses, leading to National Vocational Qualifications (NVQs) in business administration and engineering manufacturing.

To recruit trainees, the company wrote to 1,400 of the workers laid off at the end of last year, telling them about the training facilities and the chance to study for NVQs.

It says that 193 responded, of whom 73 opted for the courses after initial counselling. There are currently 20 on the business administration course and 34 on the engineering course.

Trainees are also referred to the project by the local employment service, and local miners laid off by British Coal have signed up to learn engineering skills. John

Fitzpatrick, training manager and also a former Jaguar employee, now runs the project for the chamber of commerce.

He says that at first it was difficult to get trainees on to the engineering course. "Some of them have been made redundant three or four times - they're getting a bit cynical."

In the computer room, John is finding the word processing program very different from his previous experience fitting car radios. "At first I wondered what I was doing here. It was so different and seemed really hard. But now I'm starting to get used to it."

Although he admits to feeling confused at present, he would like to "get into something using computers".

In one of the engineering workshops, Bernard, 50, is learning how to program machine tools

using a computer. A skilled engineer, he was made redundant from a local company at the end of last year.

Before starting the course in April, he had applied for 40 jobs - only to be told he was too old. "I heard about this from a friend who has done it. I know I'm not too old. I hope with this experience to be able to get into engineering planning work."

Fitzpatrick is adamant that the training is not billed as an automatic route to a job. "We make it quite clear from the start that we can't guarantee a job," he says. "The whole point is equipping the trainees with skills and knowledge to make them more marketable."

Part of the project is pioneering a new approach to gaining NVQs, specifically targeted at older, experienced workers. Accreditation of Prior Learning (APL) aims to

get away from traditional paper qualifications and use candidates' previous experience to prove their competence.

The Engineering Training Authority (EnTra) has just launched a national system of APL for the engineering manufacturing industry and is confident that APL gives employers and employees the means of assessing experience.

"The whole system of training is moving from being process-based to outcome-based - one that recognises standards achieved, not courses completed," says EnTra regional manager Ron Law. Using APL, candidates submit a portfolio of their competence, based on course certificates, employers' letters or historical records, to qualified assessors. Depending on the result, they are awarded either the relevant NVQ or units towards it, or recommended for further training.

The notion of APL seems to be receiving a cautious welcome in the engineering industry, although there is concern that its emphasis on individual assessment and tuition may prove too demanding for many employers or colleges to provide.

Peter Swindlehurst of the Engineering Council says: "It is a viable approach, although it's much more easily done when you have a number of people from one major source going through it together. Individual institutions might find it very difficult to provide the bespoke training people need."

The various levels of competence for the engineering APL are contained in four thick blue manuals in John Fitzpatrick's office.

He concedes that the system can seem complicated, but adds: "Once people understand what APL

means they will take it seriously. It gets rid of the problem for employers of taking on someone who says they can do the job - then finding they can't."

EnTra is currently testing APL with 16-Tec around the country. It is confident that once the pilot projects have "ironed out the glitches", the guidelines for engineering, to be issued early next year, will provide a workable approach to training for the industry.

But what is in it for employees? They may have their skills documented and be able to complete NVQs more quickly, but unless the APL approach is recognised - and adopted - across the industry, going through the process is unlikely to win them better jobs - or, indeed, any job.

Jaguar, however, reports waiting lists for its courses. According to official figures, Coventry's unemployment rate is currently around 11.3 per cent.

It remains to be seen whether accrediting redundant workers' skills can really help them get another job - or whether it is just raising false hopes

THE PROPERTY MARKET

A mountain of debt

How will banks be repaid? Vanessa Houlder on a revealing report

It took more than three years to clear the pile of debt and unlet properties after the property crash of 1973-74. Mopping up the damage from the current property slump will take longer.

The predicament facing lenders to the industry may not be as acute as it was in the 1970s, when it triggered a crisis in the secondary banking sector. But it is more severe in several respects. The scale of the property debt mountain, the deepness of the downturn and the impact of economic policies suggest that recovery will be more drawn out than that following the 1973-74 crash.

The dilemma facing property lenders stems from the heady days between 1985 and early 1991 when loans to the property industry grew at twice the rate as for the market as a whole. Banks assumed that when their loans matured, investors would provide the funds to repay the loans.

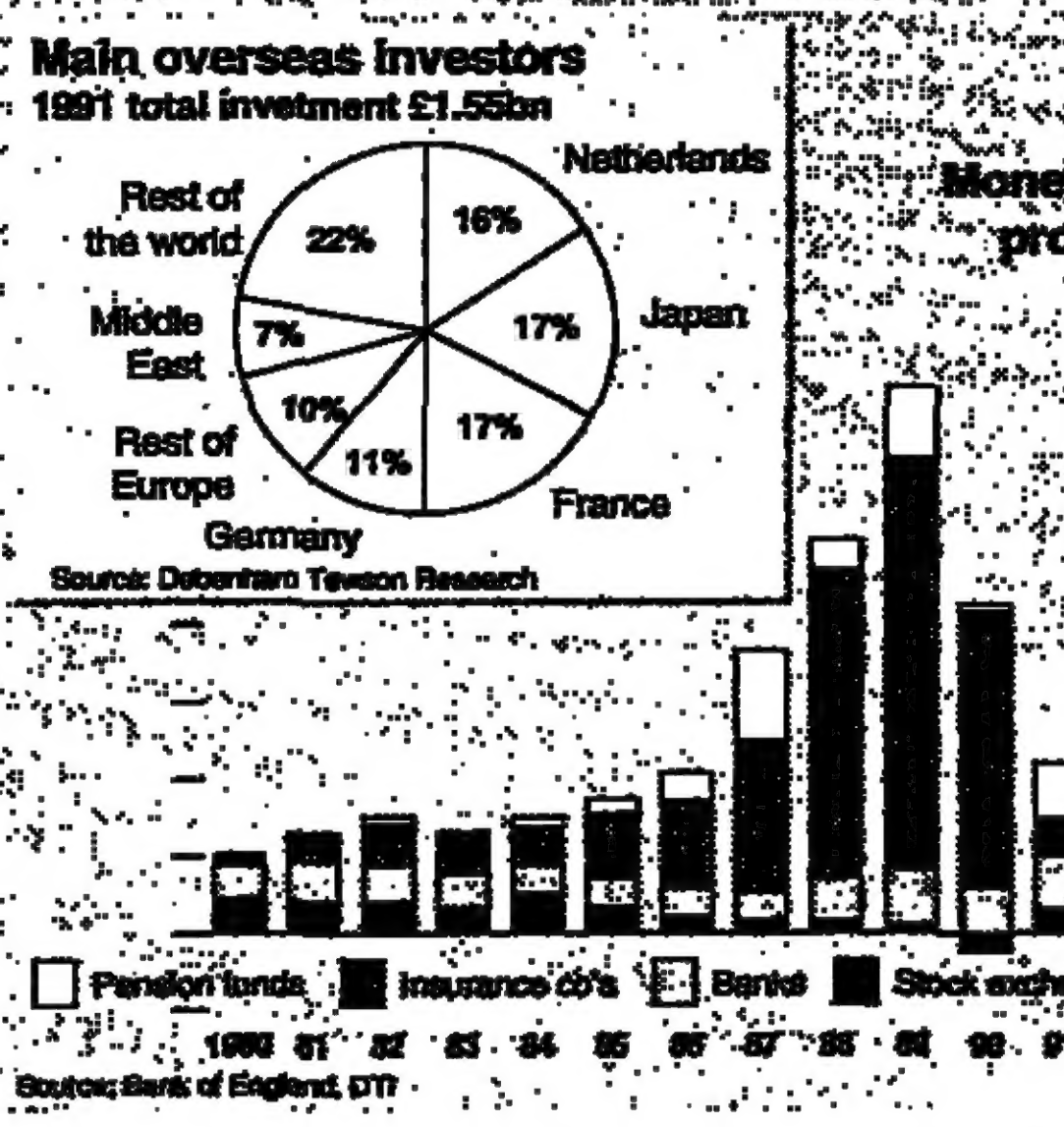
That assumption has proved mistaken. Banks are being forced to refinance and roll over loans on a previously unimaginable scale. A report on property finance by Debenham Tewson Research - based on interviews with 30 banks which account for more than half the outstanding property debt in the UK market - found that up to 75 per cent of some banks' loans have failed to be repaid on maturity.

The report says that investors have been reluctant to bail out the banks. "The large influx of debt into commercial property over the last five years has so radically affected the market structure that, rather than converging, the debt and equity sectors are polarising... Current institutional preferences are focused on market unaffected by recent bank lending, thus leaving bankers in relative isolation to resolve their problems."

If loans are paid back at their current rate - in the year to May, loans to the UK property sector fell by £2bn to £58.5bn - it will take more than six years to reduce the burden to a comfortable level - about £25bn or 8 per cent of the banks' industrial and commercial loan book.

At first sight, the investors' reluctance to come to the rescue of the banks is surprising at a time when property is

Property lending: money for nothing



Source: Debenham Tewson Research

widely considered to be cheap, both on a historical basis and relative to gilts. The explanation partially lies with the investors' avoidance of the type of property held by banks. They know that the banks control a large level of supply, which could be dumped onto the market if their patience runs out. At present there is a stand-off between the banks which control a large level of supply and are seeking to preserve values, and investors who are discounting prices because they

bought property enthusiastically. Take-up has, however, increased, with a growth in institutional net purchases from a little less than £800m in 1990 to £2bn in 1991.

But this trend may not continue in the face of static institutional cash flow, competition from gilts and a decline in institutional commitment to property.

Overseas investors will be an increasingly important source of funds. Their investment of more than £1.5bn during 1991 was barely half the totals for

1988 and 1990, but it was from a wider variety of sources and promises to be more sustained. The UK corporate sector is another potentially important source of funds. However this is likely to be limited by the overgeared state of most companies. The bulk of the £1.3bn raised on the stock exchange during 1991 by property companies was devoted to repairing damaged balance sheets.

Banks are unlikely to prove a useful source of liquidity. Banks are "negative" about requests to refinance existing debt held with another bank, says Debenham. "Too many bankers this was a sign of a

borrower whose problems had got out of control and in search of a lifeline."

The Debenham report states that banks are expecting a sizeable contraction of their property loan book, fuelled by problem loans and tightening capital adequacy requirements. Three-quarters of lenders surveyed have reduced their potential funds. About a third, overwhelmingly overseas banks, are closing their property loan book. European banks, chiefly German, are widely seen as active lenders.

One aspect of the property lending problems that contrasts with that of the 1970s is the relatively small number of receiverships. This is because in the 1970s the debt was mostly held by secondary banks; this time round lending is focused on larger and more stable banks, which are unwilling to put lenders into receivership because of the potential loss of asset value.

That said, it is still not certain that syndicates of banks that made large collective loans will hold together. Some of the larger banks interviewed by Debenham feared that as patience reached its limits, syndicates would cave in.

If the consensus view of banks is correct, there will be a slow upturn. On this view, it seems likely that the resolution of their problems will be quicker than many analysts currently predict. As the economy improves, the supply of desirable property will increase. Banks are also likely to find innovative solutions to their lending problems, such as debt-for-equity swaps.

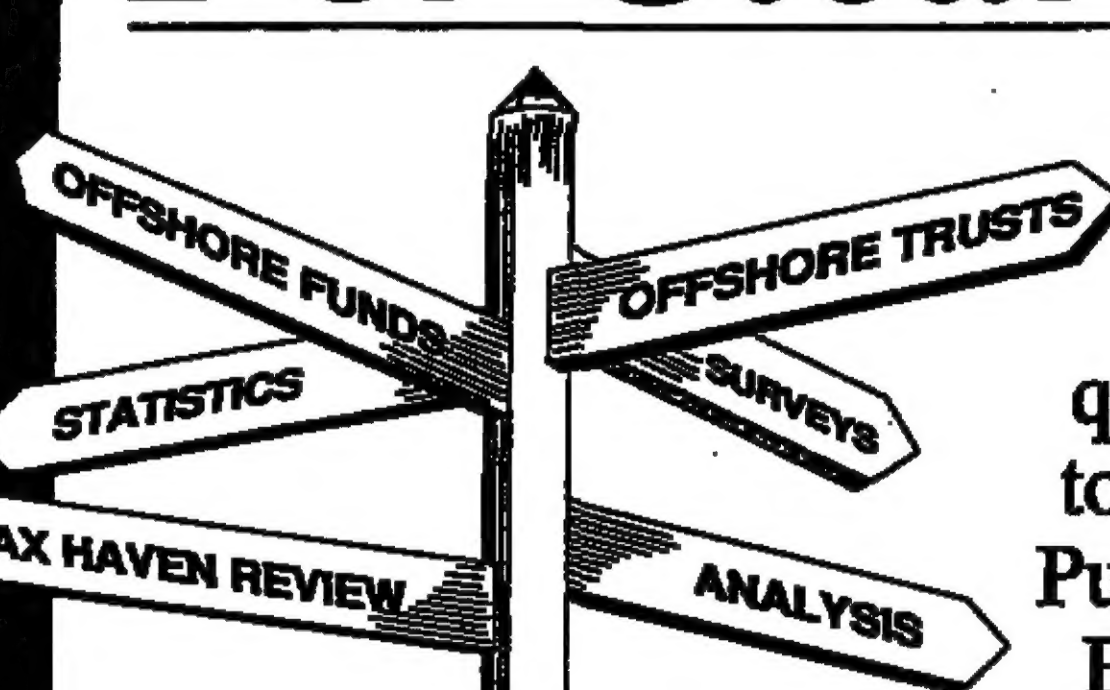
But it seems highly improbable that the problem could be resolved as rapidly as in the 1970s. High real interest rates are widening the shortfall between revenue and borrowing costs, increasing the real cost of the debt burden.

During the recovery from the 1970s crash, it was possible to borrow for as little as 13-14 per cent below inflation. This time round, interest rates are 7 per cent above inflation, one of the highest levels since the 1940s.

Money into Property by Debenham Tewson Research. From Research & Information Services, Debenham Tewson & Partners, 44 Brook Street, London W1A 4AG. Price £50

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OFFSHORE FINANCIAL REVIEW. A Financial Times Publication



ENCRYPTA Electronics needs to update its stationery again. The Welsh developer of "electronic seals", devices used to ensure the security of goods in transit, has another award to add to a masthead that already lists several honours garnered over the past six years for innovation and business achievements.

The latest accolade for this small family-run business comes from the British government's Department of Trade and Industry. The Welsh Development Agency (WDA) has also sponsored Encripta, taking a 12.5 per cent equity stake in the company.

Encripta has been promoted by the WDA as a model for how the government agency can help to nurture high-technology start-up companies in economically depressed "development areas".

In addition to venture funding and grants, the WDA lent credibility to the fledgling enterprise and "opened doors" says Mark Hayward, who founded Encripta with his wife Pippa eight years ago. Practical help was also available. Pippa Hayward recalls WDA officials helping her to locate premises for the company - although she ultimately turned down their suggestions of conventional commercial premises in favour of a Victorian mansion in rural Caerleon, near Newport, that now accommodates their business offices and a basement workshop as well as their family home.

Despite WDA "handholding" the Haywards have had to struggle with some serious setbacks over the years. The success of the fledgling enterprise, which now has an annual turnover of about £750,000 and profit margins of 10-12 per cent, is as much a tribute to their personal determination as to government sponsorship.

Indeed, the first time the Haywards approached the WDA for financial support they were turned down. "I had been involved in a frozen pizza company in the 1970s that went bust," Mark Hayward explains, noting that American venture capitalists might have viewed his failed attempt at business development more positively.

The WDA was more receptive, however, when the Haywards returned with orders for their first product from British retailers Marks & Spencer, Mothercare and Iceland Frozen Foods.

Encripta's story began in 1984, when Mark Hayward, then a buyer for Marks & Spencer, became aware of a problem that the company faced with pilferage of goods in transit. The numbered plastic and metal strips, or "seals" used to pre-

vent unauthorised access to the backs of lorries, were proving to be inadequate security devices. He turned to his father, a retired electrical and mechanical engineer who had worked on deciphering German codes during the Second World War, to come up with a high-tech alternative.

The result was a simple, but seemingly effective, solution: a random number generator that is triggered every time the device is removed from the back of the lorry. After patenting the device, the Haywards initially attempted to license it to established seal manufacturers. When this failed they began to consider setting up their own company. Investing a few hundred pounds they participated in a trade show in London and were overwhelmed with the response they received from retailers.

Presented with evidence that there was a market for their prototype product, they set about finding designers and manufacturing contractors. Still, leaving "a good job with a nice salary and a company car" was a wrench for Mark Hayward.

Almost immediately, disaster struck. The first production units of the electronic seal began to fail. While struggling to find the cause of the problem, Mark Hayward assured customers that Encripta would replace the units.

"That was when we learned about testing," says Pippa Hayward ruefully. It was at this point that the Haywards turned to the WDA for equity funding. With £100,000 in the bank they set about redesigning the product and replacing failed units. "We didn't lose any customers," Mark Hayward boasts. "Customer relations are a key issue in our business." Pippa Hayward interjects. "We pride ourselves in keeping close to our customers."

Even so, Encripta's credibility was sorely tested when only a few months later the redesigned products began to fail. "It was depressing. We were getting failed units arriving here at the rate of 20-30 per



Mark and Pippa Hayward: "We're not in this to build a nice little business"

week," they recall. "And this was after we had done all the testing."

The problem turned out to be battery failure, initially denied by Encripta's supplier. After threatening to sue, Encripta won an out-of-court settlement that paid for replacements.

After eight years in business, Encripta now has four products including a version of its Crypta electronic seal that stores data on the last 50 times that a vehicle's cargo hold has been opened. This can be downloaded on to a portable computer, providing fleet manage-

ment information as well as a data trail that has been used to catch more than one thief.

Some 40 per cent of Encripta's sales are outside the UK, in the US, Europe and the Far East. To date, Encripta has no competitors, although the Haywards suspect that other companies will enter the field as the potential scope of the market for electronic seals emerges.

Although they are coy about details, the couple is currently in the final stages of testing a new product for applications outside the transport field.

"We are going to step on some toes and steal markets," says Pippa. Uppermost in the Haywards' minds today, however, is the dilemma that faces many small businesses: whether to seek additional financing to expand their business.

To do so would necessitate a move to larger premises and the end of their cozy "work at home" arrangement. They would also be faced with management challenges and the need to take on more staff and are pondering whether to set up their own manufacturing operation, rather than sub-contracting production as they currently do.

The Haywards' ambition is to build Encripta into a £5m company with annual profits of around £1.5m over the next two or three years, but they face some resistance from board members, they acknowledge.

"The question is how do we take this forward," says Mark Hayward. Turning again to the WDA for financial support, the Haywards have brought in business consultants to undertake a review of their operations and prospects.

"We are hoping something radical will come out of it," says Mark Hayward. Although they are being careful not to "direct" the consultants, they hope that the analysis will result in a plan for expansion.

This may mean selling equity to venture capitalists, and might even involve the appointment of more seasoned management, or in the long term the sale of the company, the Haywards acknowledge. "We are not in this just to build a nice little business," says Mark Hayward. "You cannot stand still."

Despite all of the efforts that the Haywards have put into Encripta, this entrepreneurial couple claim that they would have few qualms about moving on. "We are good at kindling fires. It may take somebody else to build it up."

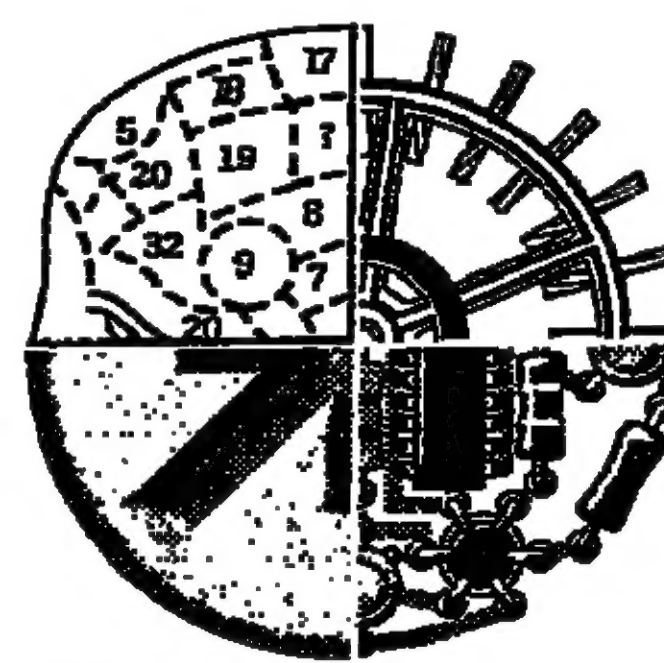
If the Haywards were to start another business venture, would they again locate in Wales? They note that they have been able to find most of the services and sub-contractors needed by Encripta in Wales and speak highly of the assistance of the WDA.

Gazing out of the window of their dining room/ boardroom, watching their horses grazing in the meadow of the four and a half acre property that surrounds their home and offices it is difficult to imagine a more idyllic work setting.

But there is one catch, the Haywards acknowledge - isolation. There are few entrepreneurs in the region with whom the Haywards can share their experiences or swap ideas. Regular trips to London help to "keep your finger on the pulse" says Mark Hayward. "And stop you going crazy," Pippa echoes.

The series will continue next week.

Worth Watching • Paul Taylor



New pages for the notebooks

Notebook computer users never stop clamouring for more power, greater flexibility, longer battery life and lower prices.

Two UK-based companies have responded to the challenge by producing PCs with special features including removable hard disks and built-in pointing devices. They will be launched at next month's UK Business Computing '92 show.

Weighting 5.5lb, the Elonex NE-455X features an Intel 25MHz 486SX upgradeable processor and a choice of four screens. Elonex claims the machines offer battery life of up to 18 hours. Prices are expected to start at around £1,000 for the mono models and £1,500 plus VAT for colour.

Meanwhile, CPW Computer Consultants claims to be first in the UK with a notebook machine built around an Intel 50MHz 486DX2 processor and an active matrix colour display. The EPS425DX2, which weighs 6.3lb, features a removable hard disk and built-in tracker ball slot. The colour version is expected to sell for about £3,500 and a mono version for £2,700. Elonex: UK, 081 452 4444. CPW: 071 922 8890.

Metal injection breaks the mould

Injection moulding, a process usually associated with plastic, is now being used to make small metal components. IMPAC Technologies, a subsidiary of the French Vallourec steel group, is developing a low-cost way of making complex metallic parts which are comparable in density to those produced through casting. It enables cost savings of 50 to 200 per cent over conventional machining techniques.

The process consists of mixing metal powders with a thermoplastic binder to achieve the

necessary cohesion. The mix is then injected into the moulding machine where it sets. Afterwards, the binder particles are removed through thermal extraction. Finally, the component is heated in a controlled atmosphere. IMPAC Technologies: France, 4909 3969.

First to find the fault

When equipment involving electronics breaks down the most common approach is to identify the faulty circuit board and then exchange it for a good one.

But while "board-swapping" is quick, it can carry a high price tag. This led Polar Instruments to develop a low-cost maintenance tool, known as the T6000 D-I-Y electronics fault finder. It uses a technique called impedance signature comparison (a kind of "electronic fingerprinting") to locate the fault.

Every electronic component responds in a particular way to electrical stimulus, so by stimulating components on a board and recording their response, the T6000 identifies a behaviour pattern for a "good" circuit board or component. If a fault develops the component causing the problem can be identified by measuring the new behaviour pattern and comparing it with the old. Polar Instruments: UK, 0481 53081.

Portable PCs make the bestseller list

Tired of reading paperbacks? Panasonic Business Systems, part of Japan's Matsushita consumer electronics group, has launched a portable palm-top player for books published electronically on 8cm compact discs.

Similar in size to a paperback novel, the battery- or mains-powered Panasonic RX-E8P1 player includes a keyboard, LCD screen, audio and video output and works with electronic books produced to the EB-G (text and graphics) and EB-XA (text, graphics and sound) standards. It will also play standard audio CDs.

The clamshell player, which is already available in Japan, is aimed at the business, educational and consumer markets. Panasonic UK, 0344 853650. Matsushita Electric Industrial: Japan, 06 908 1121.

PEOPLE

Hartstone's Alan Cohen retires at 47

Hartstone, the acquisitive leather goods and hosiery company that has recently provoked some market uncertainty with its rapid growth, said yesterday that Alan Cohen, chief executive of the European leather goods division, is retiring. He is 47.

Chairman Stephen Barker, who was previously boss of Albert Fisher before turning to tights and leather, says Cohen - whose family leather goods business Symphony International was bought by Hartstone for around £10m in 1989 - wishes to take a "lower pro-

file". Cohen has built up the European division to sales of around \$40m, and had already handed over the UK side - which forms the bulk of that division at present - to Jeffrey Nash six months ago.

Barker added that Cohen's wishes suited the company's restructuring plans, according to which Trevor Brentnall, 45, chief executive of the North American leather goods operation, assumes responsibility for those products worldwide.

Brentnall, previously a partner with City solicitors Turner Kenneth Brown before he

joined Hartstone in 1990, is reckoned to have done a good job in starting the integration of last year's two big UK acquisitions, Michael Stevens and Etienne Aigner.

"As companies grow, so the management structure evolves," explains Barker.

Cohen, with his father, built up Symphony over a period of 20 years; he will now act as a consultant for Hartstone on the organic development of its leather goods business across continental Europe in what Barker calls "a fairly full capacity for at least a year".

Cohen is on holiday and was unavailable for comment.

The other place in Barker's new management jigsaw is American Robert Chavez, who was president of merchandising for the East Coast division of R H Macy, the large US department store which filed for Chapter 11 bankruptcy in January. He joins as coo of Etienne Aigner which needs more attention than the fast-growing Michael Stevens. "We have been courting him for the past six months and he has eventually decided to join us," says Barker of Chavez.

Departures

■ LEP Group confirmed the retirement of its chairman Peter Grant and of William Berkeley alongside its restructuring proposals announced this week. Philip Hampton is not standing for re-election as a non-executive director.

This leaves only three directors: David James, newly appointed chairman and chief executive; John East, finance

director, who has been on the board for nearly four years; and Michael Kirkman, who joined the board last summer as human resources director. LEP says two non-executive directors will be appointed once the restructuring is completed.

■ Geoffrey Browne has retired from SUN ALLIANCE.

■ Alan Marsh has retired from HEWETSON.

■ Mark Billing has resigned from YOUGHALL CARPETS.

Baxter moves to NatWest

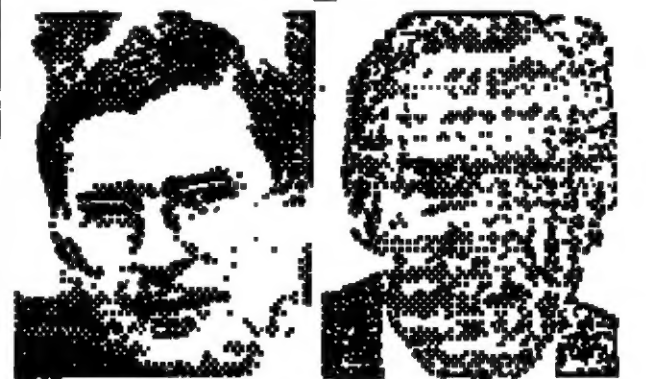
NatWest has recruited a seasoned hand to manage its newly formed life insurance subsidiary, National Westminster Life Assurance. Peter Baxter, currently head of marketing with Lloyds Abbey Life, will take charge of the new subsidiary from September 1.

Baxter will be heading a new joint venture which will be capitalised at about £150m and of which 92.5 per cent will be owned by NatWest. The products will be NatWest's own brand and cover three core areas: life assurance including mortgage-related products,

pensions and long-term savings products.

NatWest, which had been the UK's largest purveyor of independent financial advice, stunned the industry last year when it announced it was forming a "tie" with Clerical Medical under which it would sell that company's products exclusively. Financial Services Act rules require those who sell financial products such as life insurance either to be independent and recommend the best of all producers' products or to sell the products of a single firm.

Bodies politic



■ Martin Slack (above left), a partner of Lane, Clark and Peacock, a former chairman of the pensions sub-committee of the Association of Consulting Actuaries, and a member of the pensions joint

committee of the Institute and Faculty of Actuaries, has been appointed a member of the OCCUPATIONAL PENSIONS BOARD for a three-year period from September. ■ Charles Hespin (right), md of Motorway Tyres & Accessories, has been appointed chairman of the TYRE INDUSTRY COUNCIL. ■ Brian Goodbold, executive head of design at Marks and Spencer and president of the Royal College of Art Society, has been appointed a member of the council of the RCA.

Woolwich Building Society has named Sir Gordon Borrie, the ex-director general of Fair Trading who retired in June, as a director. Sir Gordon has already become a member of the Council of the Ombudsman for Corporate Estate Agents and a trustee of the Money Advice Trust since his retirement.

Susan Homersham, a district councillor in the Vale of White Horse, Oxfordshire, also joins the board.



FT LAW REPORTS

Digest of Trinity term

Aiglon Ltd and L'Aiglon SA v Gau Shan Company Ltd (FT, June 26)

GRANTING AN application by the plaintiffs to set aside a Mareva injunction, as well as an order for disclosure of assets, which the defendant had obtained, Mr Justice Hirst stated that the litigation had arisen out of an award of the technical appeal committee of the Liverpool Cotton Association in favour of the first plaintiff, an English company and the second plaintiff, a Swiss company.

The award was against both companies and stated that the sellers "are in fact Aiglon Ltd. For the purpose of this appeal there is no real distinction between the two companies". It was submitted that by no stretch of the imagination could the appeal committee have had jurisdiction to determine whether SA were party to the sale contract, so that the award against SA on the footing that they were contractually subject to the arbitration was a nullity (Duke of Buccleuch (1870) 5 Exch Cas 221).

It was common ground that the arbitrators had exceeded their jurisdiction in deciding that SA were party to the contract. That part of their award was a nullity. There was therefore no award to enforce so far as SA were concerned, and it was no part of the court's function under section 26 to salvage it by considering the issue as to who was party to the contract.

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THE APPEALANTS had validly exercised an option to sell their shares in a three-month period due to expire on June 24 1992. In March 1992 they issued a writ for specific performance and obtained an ex parte Mareva order.

The judge at first instance concluded that the court had no jurisdiction to grant a Mareva injunction in the circumstances.

Dismissing the appellants' appeal, the Court of Appeal stated that as the law stood at present, for the purpose of a Mareva injunction, it was necessary to demonstrate that a legal or equitable right had been interfered with or invaded, or such an invasion or

with SA offending against section 43, alleging that assets had been put out of Gau Shan's reach, apparently at an undervalue, by transfers to SA at a time when the arbitration award had been made.

Mr Justice Hirst stated that a good arguable case had been established, on the footing that there was credible evidence that SA's assets might in part be the assets of Ltd which had, as a result of the asset-stripping operation, put it out of its power to meet the arbitration award - so that an injunction against Ltd alone was likely to be inadequate to protect Gau Shan.

Those conclusions provided a firm basis for continuing the Mareva injunction, subject to the court's overriding discretion.

Securities and Investments Board v Pantell (FT, July 2)

SOLICITORS, AS third, fourth and fifth defendants appealed from a decision in which the vice-chancellor had refused to strike out a claim against them in an action by the Securities and Investments Board against Pantell SA and others.

Dismissing the appeal, on the alleged facts for the purposes of the striking-out application, the Court of Appeal stated that Pantell had distributed misleading advertisements and had carried on unauthorised investment business in the UK in contravention of the Financial Services Act 1986.

The solicitors had acted for Pantell, and the SIB had sought a remedy against them under section 6(2) of the act in that they had been knowingly concerned in the contravention by Pantell. The fact that a person "knowingly concerned" had not received anything under the transaction did not restrict the court's power to make a section 6(2) order against him, the appeal court stated.

Kirklees Borough Council v Wickes Building Supplies Ltd (FT, July 3)

SECTION 71(1) of the Shops Act 1949 provided that it was the duty of every local authority to enforce the provisions of the act "and for that purpose to institute and carry on such

proceedings in respect of contraventions as may be necessary to secure observance thereof". Section 223 of the Local Government Act 1972 provided that local authorities "in the case of civil proceedings, may institute them in their own name".

In an endeavour to deter large stores from opening for Sunday trading in contravention of section 47 of the act, the local authorities had sought injunctions to restrain stores from infringing the section. The stores invoked EC law that section 47 was inconsistent with Article 30 of the European Community Treaty.

At first instance, the judge had held that he had discretion whether to require the local authority to give an undertaking in damages but decided against that requirement.

The Court of Appeal reversed his decision. In allowing the local authority's appeal to the House of Lords, Lord Goff stated that the question whether section 47 was inconsistent with article 30 had been referred to the European Court of Justice.

If the European Court should hold that section 47 was invalid as being in conflict with article 30, the UK might be obliged to make good damage caused to individuals by the breach of article 30 for which it was responsible. It did not follow, however, that the council should be obliged to give an undertaking in damages as a condition of the grant of an injunction.

Zucker and others v Tyndall Holdings plc (FT, July 6)

THE APPELLANTS had validly exercised an option to sell their shares in a three-month period due to expire on June 24 1992. In March 1992 they issued a writ for specific performance and obtained an ex parte Mareva order.

The judge at first instance concluded that the court had no jurisdiction to grant a Mareva injunction in the circumstances.

Dismissing the appellants' appeal, the Court of Appeal stated that as the law stood at present, for the purpose of a Mareva injunction, it was necessary to demonstrate that a legal or equitable right had been interfered with or invaded, or such an invasion or

interference was threatened. Though interlocutory relief could be obtained in certain circumstances to protect an equitable interest even before the time for performance under a contract had arisen, on the facts of the present case it was not open to the court to grant an injunction.

The Wondrous (FT, July 9)

THE SHIPOWNERS were covered under a loss of hire policy for "war loss of hire and/or earnings". By clause 4.1.5, however, it excluded "arrest, restraint, detention... by reason of infringement of any customs or trading regulations".

The shipowners contended unsuccessfully at first instance that they could claim under the policy when the vessel was prevented from earning hire in consequence of being "detained" within the meaning of clause 1.2.

The judge had found that the immediate cause of the detention was failure to comply with local customs laws. He referred to "detention" in the conditional sense that if the vessel had tried to leave before paying port dues it would have been forcibly detained. In that sense only was it being detained.

As to the furnishing of the foreign currency guarantee by the exporter, the judge found that if the owners had been prepared to put up the foreign exchange, the port authorities would have been satisfied.

As to clause 4.1.5, the judge held that the exclusion of loss arising from restraint or detention "by reason of infringement" of customs regulations applied. The judge said "restraint" and "detainment" had to be given a wide commercial interpretation, and in a commercial sense the vessel was "detained" "by reason of infringement" of customs regulations.

The Court of Appeal dismissed the owners' appeal on the grounds that the judge's reasoning could not be impeached.

Aviva Golden

LEGAL NOTICE

TOPPY UK LIMITED
(INCORPORATED IN ENGLAND)
(Collectively "Tuppy")
PRESS ANNOUNCEMENT
Tuppy UK owns 50% of the shares of Epside (UK) Limited which operates Epside stores in the United Kingdom. Customers and users bearing the "Epside" label have always been solely designed by Tuppy's International design team headed by Middleton Christian Ma and Carolyn Wyle. From 1989, at no time has Mrs Susan Wolf ever been a member of the Tuppy design team nor has she ever participated in the design of production of Tuppy's "Epside" garments under any circumstances. Recently it has come to our notice that S.J. Gant Plc, the other 50% shareholder of Epside UK, has unilaterally supplied the UK Epside stores a collection of items carrying the label of "SWI" without consulting Tuppy or obtaining its prior consent, in view of which we hereby give notice that Tuppy has no connection or involvement whatsoever in the design, sourcing or production of this "SWI" merchandise. Tuppy would like further to clarify that Mr Mark McKenna has joined Tuppy International Limited as European General Manager since 6th July 1992, soon after he has been assigned from the position of retail director of Epside UK. Dated the 6th day of August 1992.
BY THE BOARD OF DIRECTORS OF TOPPY UK LIMITED.

URBAN DEVELOPMENT

The FT proposes to publish this survey on September 4 1992. The FT reaches more businessmen with property responsibility in the UK than any other daily newspaper and more senior European decision-makers on business premises/sites reading English-language newspapers. For a full editorial synopsis and details of available advertisement positions, please contact

Brian Heron
Tel: 061-834 9381
Fax: 061-832 9248
Alexandra Buildings
Queen Street
Manchester M2 5HT.

Data sources: BMRB Business Survey 1990, European Business Readership Survey 1991.

FT SURVEYS

On Golden Pond

THE loons, the loons! You old poop! Oh, look at you! Remember Katharine Hepburn and Henry Fonda in the 1961 film? Well, here is the stage original, at London's Richmond Theatre, and here are real-life husband-and-wife team Google Withers and John McCallum. On *Golden Pond*, two ageing actors to be relentlessly adorable all evening long — a pursuit in which they involve anyone else who passes by.

The scene is the Thayers' summer house in Maine, and out there through the windows is *Golden Pond*. (The name is presumably mixed from two real New England lakes — Goose Pond and Walden Pond. Julian Saxton's set catches the luminous look of the water and the architecture of such a house to perfection.) Over there in the water, the loons call: the loons mate. Meanwhile, indoors Norman Thayer is getting older and Ethel is coping gamely with his loss of memory. ("You old poop.")

He is difficult in an adorable way, and she is practical in another adorable way. Their children, no longer young, daughter, Chelsea, arrives (Oh, look at you!), and every stereotypical failure of communication between father and daughter pops to the surface. However, Chelsea — her parents' daughter — knows also how to be adorable. And she has at last found Mr Right, and has brought along both him and his 13-year-old kid Billy. Billy fits right in, for he too is non-stop adorable.

Norman teaches Billy to fish. Ethel picks berries, the loons keep up their bit. Chelsea marries Mr Right, Norman recovers from an angina attack, the moon rises, and everything in the world of nature helps everyone in this great big lovely learning process: *How To Stay Adorable Till Death Do Us Part*.

On *Golden Pond* — in whatever version — is not the place to look for good acting. It is just a vehicle for determined loveliness, and — thanks to Christopher Reashaw's direction and the script's surefire sentimentality — everyone rides it for all it is worth. Julia Foster is charming as the daughter, though she overdoes the winsomeness. Matthew Heurne is dully sweet as Billy.

Most of the play has Norman and Ethel alone together, and these scenes are the greatest. John McCallum is fine as Norman once he has settled into brisk speech, but otherwise he plays a distracted old dear by exaggerating one or two obvious ticks — Isolating his vowels and letting them slide away like tobbaccos.

The best fun is to watch Google Withers. She retains the same arched brows and mobile lips that made her famous 40 years ago. Her figure is even more Edwardian today and her voice is now a husky baritone. But, whereas, she used to be dark and sultry, now she is a model of bright, no-nonsense energy. She is the person least obviously engaged in tugging the heartstrings, and her Ethel is the most nearly three-dimensional character.

Ends Saturday, Box Office 081-940-0088.

Alastair Macaulay

Theatre/Malcolm Rutherford

My Mathematics

ROSE ENGLISH brought her new show, *My Mathematics*, to London's Queen Elizabeth Hall on Wednesday, ready for one performance only. One reason I would like to see it again almost immediately is to tell how far it is improvised, for surely not even the remarkable Ms English can perform the same tricks every night.

You will be inevitably misled by the title. Although there is some fanciful stuff about numbers and moving from zero to nought, *Mathematics* is the name of a horse. In the second act it is on stage almost throughout. Ms English achieves what Hollywood stars are advised never even to try: she acts with an animal and more or less comes out on top, though even she admits that it is sometimes touch and go.

Ms English is a brilliant tease. That is how her act works. She comes across as an educated Gypsy Rose Lee. So first one must pay tribute to the built-up. The first half is a mildly seductive introduction to the second. At the start Ms English tells how she used to be Rosalee of the Circus with a huge troupe of animals and a large band. Now she has only an accordionist (discreetly played by Ian Hill) at her side. She goes in for some audience participation, pantomime-style. She has the most enormous black artificial eyelashes.

The audience is invited to be kissed or lashed, then to cut the lashes. Presumably she is relying on plants scattered round the hall, but there is always the chance that someone unexpected might turn up. This is a high-

risk business.

Ms English also has a habit of saying "Yes, yes", sometimes "Yes, yes, yes" and occasionally even "Yes" five times. There is the odd variant of "No, no". Irritating at first, it becomes endearing. They are, after all, strong words. When this lady says them, she obviously means them, even to horses.

Thus the first act is pleasant, with the odd bit of conjuring, but slight. Only the glimpse of *Mathematics* just before the interval gives a hint of what is in store. Ms English is now in leotard, bare-backed like the horse. Her eyelashes have switched to red. She still has a whip, but seems to need it less with the horse than with the accordionist. She rides, cajoles and practically makes love to the beast. At one stage on Wednesday he seemed in a distinctly and — one would guess — unpredictably randy mood. "He's been in a lot of Westerns," Ms English says, as he looks set to gallop off into the sunset.

How far this is all pre-planned is impossible to tell from one sitting. Ms English seems to have doubts herself. "Is it coercion?" she asks as the horse obeys her. "It's a difficult question, isn't it?" Then the horse suddenly starts pushing her around.

According to the programme, the real name of the horse is Goldy, owned and trained by Joan Rosaire, who appears at the final curtain. Ms Rosaire deserves a large share of the credits. It is Ms English, however, who has achieved the ultimate in strip-tease: teasing without stripping.

Art/Susan Moore

The landscape of imagination

OLIVIER MOURGUE is one of France's most innovative designers. He is also a maverick. In the 1960s he travelled Europe in various "ateliers mobiles" establishing a reputation as a furniture designer and producing, most memorably, futuristic sets for Stanley Kubrick's 1962 *A Space Odyssey*. These followed design projects for motor cars as well as furniture manufacturers and experiments with textiles and "animated" canvases. More recently, while living in Brittany, he began to furnish the landscape of his imagination.

This is the stuff of the current exhibition, his first in Britain, at the Sainsbury Centre for Visual Arts in Norwich. Out of the long-familiar materials of watercolour or balsa wood, canvas and paint he has concocted a series of imaginary gardens and little theatres — and a world of the gentlest fantasy.

Only gradually does this world come to be recreated in our mind's eye. Certainly the visitor leaves the almost impenetrable prose of Mourgue's introduction ill-prepared for the watercolours that look more like textile or wallpaper designs than preparatory drawings, and the models and constructions that fuse folklore and craft traditions, design and the theatre.

Such is the nature of exhibitions that the Little Theatres stand empty, their props neatly arranged and hermetically sealed behind glass a few feet away. The man-sized painted and slatted wood "play" furniture looks similarly bereft, uncomfortably confined and untouched in this indoor space. Mourgue's own photographs, reproduced in the catalogue, record these pieces as they should be seen and used. The kite-backed chaise-longue, for example, sits on the floor at its point where the flat, wet Brittany beach seems to merge with the expanse of sea and sky.

Photographed at low tide to "The Bird" which is suspended above us. It is a five metre long sledge bearing a figure crowned with a bird's nest seated behind a kite-like head of a bird. The bird's wings are imaginary sails, its long tail feathers a tiller. The watercolour shows this fantastical vehicle and its equally strange occupant gliding across what may be waves or clouds.

Sea and sky seem ever interchangeable.

Mourgue has described elsewhere how his silent theatre came into being as a result of constantly re-arranging the objects scattered about his studio — pebbles, driftwood, feathers, dried seaweed, children's drawings. They developed as "a sort of mime" in his watercolours and then acquired a third dimension. Just as Mourgue's imagery comes out of the Brittany landscape, his theatres and props — large or small — look most at home within it.

Regrettably, there is no film of his silent story-telling — in Brittany, New York or Helsinki — as there is of Alexander Calder operating the famous wire Circus that must have inspired him. Mourgue's theatres, like Calder's Circus, fit into a suitcase. His performances are, apparently, equally improvised, improvised and compelling. That is where the similarity ends.

While Ringmaster Calder's stage is makeshift and his troupe of miniature performers concoctions of wire, cork and fabric strips, Mourgue's minimalist wood and canvas theatres are impeccable in their artful simplicity, each prop and character beautifully crafted. There are smooth, pebble-shaped wooden figures with jaunty acorn heads, stone houses and rocks, and a retinue of cats,

birds and jumping dogs that are either carefully drawn and cut out or made from strips of torn paper. Calder's wire performers thrilled their audiences by ingeniously replicating human movement. His wire strongman, clad in a scrap of leopardskin, raises his weight in a series of authentic jerks; the belly dancer's hips gyrate convincingly and the stretcher bearers, come to whisk away the victim of an inept knife-thrower, enter and exit with a comic trundling gait.

Mourgue offers a kind of Theatre of the Absurd. Ladies take tea or play the "cello floating out to sea with hungry chicks clamouring in the nests made on their heads. Boats give the illusion of carrying trees, even houses. This Absurdist humour — long a characteristic of his furniture design — brings to mind the work of Sam Smith and the English automatists, which also has its roots in folk traditions, although there is none of their irony or subversive wit.

Mourgue's flights of fancy are innocent, domestic. Even his Imaginary Gardens have the qualities of samplers attached with sacred symbols. His tall tales and enchantments are as incon-

sequential as dreams. Like dreams, they are compelling as long as they last and then they are instantly forgotten.

Norwich, for another week, is also host to a selection of paintings and oil sketches on loan from the Turner Bequest at the Tate. "From Turner's Studio" focuses on work that would never have been exhibited during the master's lifetime. A wide-ranging sequence of small, fresh landscapes, some painted direct from nature, canvases laid in but never completed, and all manner of preparatory sketches, atmospheric studies and impressions reveal this most inquiring of artists at his most dazzlingly experimental.

"Olivier Mourgue: Imaginary Gardens and Little Theatres" is sponsored by Worms et Cie, Association Française d'Action Artistique, Visiting Arts, the French Ministry of Culture and Communication, and Sir Norman Foster and Partners. It continues at the Sainsbury Centre for Visual Arts, University of East Anglia, Norwich, until August 30.

"From Turner's Studio" closes its national tour, sponsored by Digital, at The Castle Museum, Norwich, on August 16.

Ballet/Clement Crisp

La Bayadère

ALYTNAI Asymuratova has been bringing her radiance to the last weeks of the Royal Ballet season, making her debut as MacMillan's Juliet, and, in *La Bayadère*, reasserting her absolute command over this fascinating work. *Bayadère* is about many things, implicit and explicit: about sexual passion and dance training, about religious belief and belief in an old theatrical style. It is the intoxicating beauty of Nikiya, the temple dancer heroine, which precipitates the drama, and Asymuratova's loveliness — that of a Helen from the East — calmly, gloriously justifies the action. (When the High Brahmin removes the veil from her face at her first entrance, we understand everything that is to follow.)

But *Bayadère* is also about the Petersburg, and Russian, dance-style, about the grandeur of its scale and the fullness of its emotional and physical tone. Step and gesture from Asymuratova, and from Irek Mukhametov, her Solor on Tuesday night, have a largeness of dimension, a sense of expanding tremendously into space and establishing great shapes that are emotional as well as actual, so that every movement is resonant. The following evening, Viviana Durante and Tetsuya Kumakawa took these same roles. Their interpretations were accomplished, technically polished, but wore a cloak of modesty — unnecessary in view of their gifts — that muted the ballet's opulent colours.

For *Bayadère* is also about its artists' belief in what they do. Asymuratova, by education as by divine right, knows how to command the choreography. She phrases movement, varies the speed of a step, with a sensitivity that is both technical and dramatic. An exten-

sion is allowed to flower and hang on the air. A pose is held, as a singer holds a note, because of its beauty. The bewitching artifices — and rewards — of rubato are shown with rare skill, and not a little sense of her own mastery. And they give the choreography such grace that the ballet lives and holds us in its thrall — as does Asymuratova.

Mukhametov's Solor is the ideal foil for this Nikiya. He tells us everything of the haunted lover who is also a warrior hero: it is a superb study in Romantic theatre. And as the Chief Brahmin, Stephen Jefferies gives an interpretation worthy of the best Petersburg traditions. From his first entrance we sense the tensions and lusts that drive the character, and Jefferies turns the mimetic rodmontade of the role into a true feeling through the dignity of his every action.

In Wednesday's performance, Viviana Durante offered an eminently sure account of Nikiya. The dramatics of the role flared; the dancing was no less bright in skill and clarity. Tetsuya Kumakawa, in an unexpected debut, was making only a first sketch of Solor's emotions but his dancing was of exhilarating power. His soaring, magnificently clean in execution, unstrained even at its most prodigious moments, it gave Solor thrilling, if temporary, life. Two other performances were exceptional: Matthew Hart's eagerly danced and acted Fakir, and Rosalyn Whitten's enchanting appearance in the *Pas d'action*, her dancing so pretty and so rich in its harmonies of torso and arms that her companions looked as if they had been lightly starched.

The Royal Ballet season continues at Covent Garden until August 8.

NY City Opera

THE New York City Opera season, from now to November, is not one of the most adventurous. A promised production of *The Excursions of Mr Broucek* which would have given Janacek's fantastical comedy its American premiere, has been postponed, leaving Busoni's *Doktor Faust* as the only still addition to the repertory. The other new productions are of *Carmen* and of *Les Huguenots*, both of which are either on the edge towards Broadway musical (Marc Blitzstein's *Regina*) or over it (*110 in the Shade*).

Nor is there much risk in the choice of opening revivals *La Bohème*, *Cav and Pag*, and *La Traviata* — except in as much as this last opera is given in a shoddy, sniggering updating saved only by stylish, poised singing from Michael Rees Davis as Alfredo. (There are strong performers in the *Pagliacci* too, especially Gwynne Geyer as Nedda, flicking a steely voice with the speed, accuracy and gleam of a flycatcher's knife, and Sigmund Cowan as a Tonic dark-toned and true, intelligent with the words and with his watchful eyes, commanding sympathy by his entire involvement.)

110 in the Shade is unbelievably corny. First presented in 1963, it was a mild failure and sank into the limbo of college productions from which Scott Ellis, directing this City Opera

staging, determines to rescue it. He got the original team of Harvey Schmidt (music), Tom Jones (lyrics) and N. Richard Nash (book) together again to make a trimmed version with a couple of new songs. He also encouraged excellent support from set designer Michael Asanias, who provided a selection of slatted silhouettes to suggest farm buildings rippled by heat haze, for the action takes place during a drought, at the stated temperature, somewhere in the old west.

The drought also affects the heart of the heroine, Lizzie (the pathetic fallacy, along with all other dramatic devices, is working at a pretty basic level here). The sheriff is her obvious match, but cannot be made to declare himself. Along comes a young mountebank, Billy Starbuck, who promises he can bring rain, and meanwhile takes Lizzie off for a night of passion on his lorry. This fires up the sheriff, Lizzie takes place during a drought, and the rains come down. City Opera's cast, led by Karen Ziemba as Lizzie, Richard Muenz as the taciturn sheriff and Brian Sutherland as the rainmaker, give it all they have and disguise any embarrassment they might feel. The rain, drenching the stage at the end, has a charming stillness that fits rather well.

Paul Griffiths



A major exhibition of sacred art from Tibet opens at London's Royal Academy of Arts on Sep 18. The show, which comes from the Asian Art Museum in San Francisco and Tibet House in New York, will include 180 rare examples of Tibetan Buddhist paintings, sculptures and tapestries from the 9th century to more recent times. A third of the exhibits are on loan from the Hermitage in St Petersburg. The Dalai Lama is patron of the exhibition, but nothing is coming from Tibet itself, apparently due to difficulties caused by Britain's delicate relations with China. The exhibition will run till Dec 13.

The major event in New York's autumn calendar is a Matisse retrospective, opening at the Museum of Modern Art on Sep 24. This will be the largest ever Matisse show in the US, and the first to include major loans from the former Soviet Union. There will be about 300 of the

most important paintings, supplemented by sculptures, drawings, paper cutouts and prints.

Other exhibitions to look out for in New York are the Magritte show (recently seen in London) from Sep 9 to Nov 22 and the Ribera 400th anniversary retrospective, transferred from Madrid and Naples, opening on Sep 16. Both are at the Metropolitan Museum.

Autumn exhibitions in Paris include Picasso and Things at the Grand Palais from Sep 28 to Dec 28. Currently at Philadelphia's Museum of Art, it focuses on Picasso's still-lives, and comprises nearly 150 paintings, constructions, collages and other works on paper.

Paris will also see the major Sisley retrospective (at the Musée d'Orsay from Nov 5) after it finishes at London's Royal Academy, together with a rich selection of Byzantine art treasures from French collections (at the Louvre from Nov 6).

Amsterdam can look forward to three events. Drawings from the Age of Bruegel (at the Rijksmuseum from Aug 29 to Nov 5) — based on the legacy of Frits Lugt, one of this century's great private collectors of European drawings — illustrates the diversity of Netherlandish drawings of the 16th century.

The Van Gogh Museum has a retrospective of the Swiss post-impressionist Felix

Valotton (Aug 26 to Nov 1), and will also host Glasgow 1900, with drawings, watercolours and crafts by Charles Rennie Mackintosh and other artists nurtured by Glasgow's late 19th century industrial wealth (Nov 20 — Feb 7).

EXHIBITIONS GUIDE

AMSTERDAM Stedelijk Museum The Great Utopia: the Russian Avant-Garde 1915-1932. Ends Aug 23. Also Clyfford Still: paintings 1934-74. Ends Aug 30. Daily. Van Gogh Museum Masters from the Meisling Collection: 60 works from the Hague and Barbizon schools. Ends Aug 19. Daily. Historical Museum Distant worlds made tangible: Dutch collections 1585-1735. Ends Oct 11.

BASLE Kunstmuseum Transform: an exhibition exploring the relationship between 20th century painting and sculpture. The Kunstmuseum focuses on painter-sculptors such as Matisse, Picasso, Giacometti and Miró. The Kunsthalle has object-art installations by Beuys, LaWitt, Johns, Nauman and others. Ends Sep 27. Daily.

BERLIN Haus der Kulturen der Welt Civilisation of ancient Peru. Ends Aug 30. Closed Mon. Antikensammlung The Fame of the Pantheon: 100 engravings and etchings of Rome's great architectural monument, showing how its colossal and mystical

features have fascinated and influenced artists and architects over the centuries. Ends Aug 16. Closed Fri.

EDINBURGH Scottish National Portrait Gallery Allan Ramsay (1713-84): 60 paintings and 40 drawings by the Edinburgh-born artist who studied in London, Rome and Naples, before emerging as one of the finest portrait painters of his time. Ends Sep 27. Daily.

FRANKFURT Städtel Oskar Kokoschka and the Puppet: epilogue to a passion. The exhibition, consisting of paintings and drawings from collections worldwide, explores Kokoschka's preoccupation with the image of the puppet after the break-up of his relationship with Alma Mahler in 1915. The centrepiece is the collection of sketches Kokoschka made in 1918 for the Munich puppet-maker Hermine Moos. Ends Oct 18. Daily.

LONDON Tate Gallery The Painted Nude: from William Etty to Lucian Freud. The exhibition brings together 22 paintings and two sculptures by British artists, revealing a wide variety of attitudes to the depiction of the nude. Ends Dec 27. Also George Baselitz (b1938): Prints 1964-90. Ends Nov 1. Richard Hamilton retrospective. Ends Sep 6. Turner and Byron: 70 works exploring Turner's interest in Byron's poetry. Ends Sep 20. Daily.

NEW YORK Guggenheim Museum The Guggenheim and the art of this century. The main museum is closed on Thurs, the SoHo site

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ROTTERDAM Museum Boymans-van

Beuningen David Hockney: 60 prints and 20 photographs dating from 1960 to 1980, displaying his mastery of graphic techniques and his constant variations on a limited number of themes. Ends Oct 4. Closed Mon.

STOCKHOLM Moderna Museet Swedish classics: works from the period 1900-1945, drawn from the permanent collection. Ends Oct 4. Closed Mon.

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National Gallery of Art of the American Indian Frontier. Ends Jan 24. Dürer to Diebenkorn: 114 recent graphic art acquisitions, including works by Holbein, Goya, Gainsborough and Caspar David Friedrich. Also Käthe Kollwitz (1867-1945). Ends Aug 16. Ernst Ludwig Kirchner, German expressionist painter. Ends Aug 16. Jacques Callot: etchings and engravings by the early 17th century French printmaker. Ends Sep 7. Daily.

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FINANCIAL TIMES

Number One Southwark Bridge, London SE1 9HL
Tel: 071-873 3000 Telex: 922186 Fax: 071-407 5700

Friday August 7 1992

Stalemate in South Africa

THE AFRICAN National Congress has made its point. It should now return to the negotiating table. The trial of strength on the streets has ended in stalemate. Millions of Africans stayed away from work on Monday and Tuesday, either out of political conviction or as a result of intimidation. On Wednesday exuberant supporters of the ANC were addressed by Mr Nelson Mandela in the amphitheatre near government headquarters.

President F.W. de Klerk evidently instructed his senior police officers to co-operate with the demonstration leaders, but this does not mean that further "rolling mass action" would necessarily pass without setting off a violent explosion. In any event, continued negotiation by street theatre would be self-defeating. It would further weaken the republic's economy and deter foreign investors.

It is, therefore, reasonable to expect that Mr Mandela will lead his party back into talks. That is the logical next step. The ANC has expressed its understandable anger at the killing of its people at Boipatong, allegedly by supporters of the Inkatha Freedom Party. Recent reports have lent credence to charges that the lower ranks of the South African police have conspired at, or taken part in, murders of ANC supporters.

The number of deaths in police custody has been shown to be suspiciously high. The assertion that Mr de Klerk is either unable or unwilling to control his security forces has become increasingly difficult for him to refute. This puts his government back under the world spotlight.

He is aware of this. South Africa has accepted 10 United Nations

observers within its borders. The team is small, but its potential contribution as a facilitator of an eventual settlement is disproportionately large. Mr Cyrus Vance was instrumental in bringing about a pre-demonstration meeting between the South African government and the ANC, thus contributing to the apparently peaceful nature of this week's events and setting the scene for an early resumption of talks. Mr Vance is now expected to propose the establishment of a long-term UN presence in the republic to monitor the progress of the national peace accord.

This should be welcomed, but its potential should not be exaggerated. Outsiders such as the UN and the British individuals sent to assist in inquiries into police behaviour can help diminish the mistrust between the ANC and the government, but they cannot solve the fundamental problem that faces the two sides.

This is that Mr Mandela's party demands majority rule while Mr de Klerk insists on "power-sharing" as a means of protecting minorities. A deal can only be struck when the ANC recognises that it cannot have total control over South Africa handed to it on a plate and the National party accepts that in the end constitutional safeguards for minorities cannot permanently and universally thwart the will of an elected majority.

If South Africa is lucky, the perilous weeks now behind it will have served to concentrate the minds of those who must reach agreement - or face a future that a previous prime minister, Mr P. W. Botha, once described as too awful to contemplate.

Off the road

IF JACK KEROUAC had been British, he would probably have gone by bicycle. The folk hero of America's road culture would have drawn little poetic inspiration from a coast to coast drive on Britain's motorway network. Even today, more than 30 years after Kerouac's failed journey, a "road-trip" along America's highways is exciting and up-lifting, in marked contrast to the congestion, pollution and poor services which scar the M1 from London to Leeds.

The great British public has always shown a dogged willingness to tolerate squalor. Some even claim to take a strange pleasure from a stop at a motorway service station. Maybe it is the lingering legacy of the war-time spirit that has caused decades of motorists to tolerate greasy food served by unwilling staff at inflated prices.

The quality of Britain's motorway services is a clear example of the abuse of monopoly power. Five companies currently control all 55 motorway service areas on sites owned by the government and operated under 50-year franchises. Almost never spaced less than 30 miles apart, they have had little incentive to respond to consumer needs.

Road travellers have detected some recent improvement in food quality. But last year's Which? report found dirty or shabby toilets, drab surroundings and 20-minute restaurant queues. In three cases, the report recommended motorists to drive on by.

Yet budding beanbuds be ready. Mr John Major's famous intimacy with roadside Happy Eater restaurants has equipped his administration for radical measures. Yesterday's announcement that the

government plans to deregulate motorway service areas suggests Britain's motorways are to enter the consumer age. The franchise system is to be dismantled and private developers will now be able to identify new sites where they see profit-making opportunities and apply for planning permission.

This change does not herald a new age of motorway fun: service stations will still be tightly controlled. A minimum 15-mile interval between services will still be maintained; and stations will not be allowed to provide activities "which are unconnected with motorists' use of the road and which would therefore lead to the site becoming a destination in its own right".

The intention of these restrictions is understandable. It is in no-one's interest to develop motorway leisure complexes on the edge of large cities which undermine urban facilities, increase traffic flow and disadvantage city-dwellers without cars. And, surprising as it may seem, Britain's motorway verges are an important natural habitat for wildlife.

Still, the government should interpret its guidelines liberally. Safety demands that long distance motorists need plenty of breaks; and there is no reason why the only available pastimes should be eating, drinking and arcade games.

Why not allow drivers to break the trip from London to Glasgow with a fresh swim at Newport Pagnell, or from Birmingham to Carlisle with a spot of 10 pin bowling outside Warrington. As for the leisure-centre seeking tripper, there is a long overdue way to discourage short journeys: motorway tolls.

Food secrets

MRS VIRGINIA Bottomley, the health secretary, deserves some credit for publishing this week the commercial interests of her department's outside advisers on food and health policy. But the decision is scarcely the advance of open government she claims. At most, it is a modest, belated - and apparently grudging - recognition of what should be basic principles of public accountability.

The government has a clear responsibility to safeguard the public interest by setting nutritional guidelines and educating the country to accept them. But if they are to command confidence, their formulation needs to be transparent and their impartiality beyond doubt. As a minimum, advisers must be seen to be free of any possible conflict of interest.

The department's disclosure that many advisers have financial links, either personal or through research funding, with food and pharmaceutical companies is not evidence of impropriety. But by refusing to publish the information until now, the department has fuelled suspicions that it had something to hide. Even now, these have not been wholly dispelled by the decision to slip the

information out late on a holiday season afternoon and the failure to publish details of the advisers' occupations and places of work.

The most charitable explanation for such secrecy is an anachronistic belief that Whitehall knows best. If Mrs Bottomley is to demonstrate a genuine commitment to open government, she needs to go further. At the least, she should require disclosure of the sums received personally by advisers from industry and the precise services rendered.

It is impossible at present to be sure whether an adviser is paid a few hundred pounds a year for the occasional odd job, or is on a lucrative retainer for work at the heart of a company's competitive strategy.

Better still, departmental advisers should waive any personal payments from companies with a vested interest in their policy recommendations, and such companies' employees should be made advisers only if they possess unique skills.

Finally, the department should disclose when, and on what topics, advisers are required to stand down from discussions to avoid conflicts of interest.

F ly south-east from Chicago and you will quickly reach one of the most imposing landmarks of 20th-century American industry - an ugly, sprawling monument to the past glory, present tribulation and future uncertainty of the big US steel companies.

There, strung out along the southernmost curve of Lake Michigan, like grotesque mechanical monsters at a watering hole, stands the most concentrated collection of steel plants in North America. The largest of them all, US Steel's Gary works, stretches for more than six miles along the shore.

This is the heartland of "Big Steel", the giant corporations which have dominated the US industry since the turn of the century. And, though you might not guess it from the lake shore's grim appearance, Big Steel has poured over \$20bn (£10.4bn) into the modernisation of these and other US plants during the past decade to combat two potentially deadly threats which have battered the leviathans for more than 20 years.

One is cheap imported steel. The other is the seemingly unstoppable growth of nimble US "mini-mills", which have much lower capital demands and operating costs than the giants. This month brings two significant milestones in these battles:

● On Monday, the International Trade Commission, a US government agency, will make a preliminary judgment on Big Steel's complaints that foreign rivals, unfairly subsidised by their governments, have been dumping steel in the US market and depressing prices.

The steel companies began firing off the complaints last spring, upon the expiration of Voluntary Restraint Agreements (VRAs), in force since the early 1980s. These restricted the import of steel into the US to give the domestic industry time to modernise. However, in recent years, steel imports have actually been declining, in part because of the weak dollar.

● On Wednesday, US Steel, the biggest company in the industry, acknowledged it was considering building a mini-mill of its own. This would be the first such plant by a steel major and tacit admission that even after their radical restructuring over the past decade, the big steel companies must adapt a great deal more if they are to survive.

"They have some very formidable challenges ahead of them," says Mr Christopher Plummer, a consultant at Philadelphia-based Resource Strategies.

Still, over the past 10 years Big Steel has undergone a remarkable transformation for the better. At the start of the 1980s, after decades of neglecting technology pioneered in Europe and Japan, the American industry was one of the world's less efficient producers and in danger of being swamped by imports.

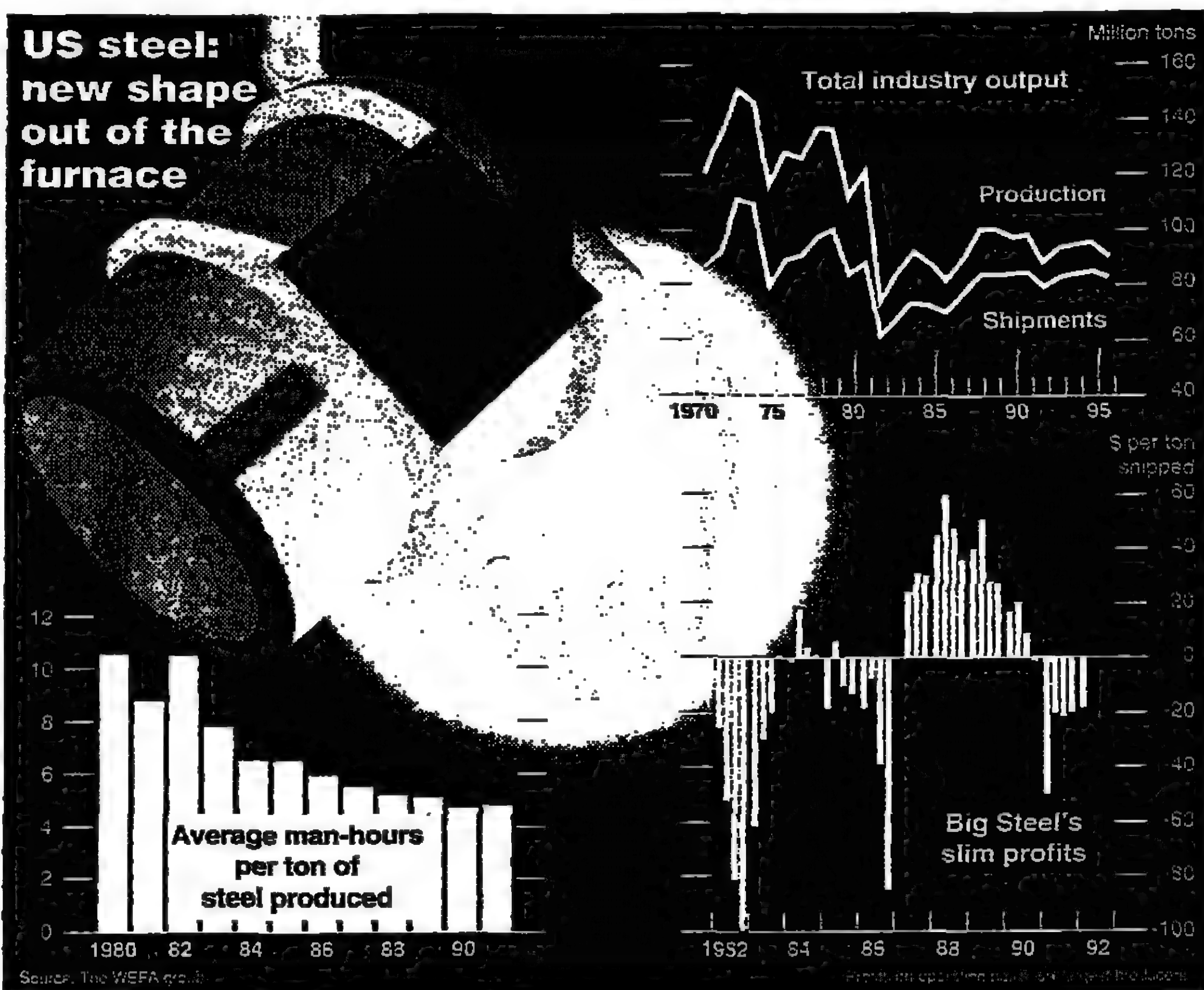
Today it is on many measures among the world's most efficient. Apart from the huge capital investment, it has benefited from the closing of dozens of inefficient plants and a halving of the industry's workforce: the VRAs; the decline of the dollar; and capital and technical help from Japanese rivals which have got round the trade barriers by investing in joint ventures with the Americans.

Yet the large steel companies remain troubled. Virtually all of them are losing money, as they have in most of the past 10 years, and many are crippled by weak balance sheets and onerous retiree health and pension costs.

The most immediate cause of pain

A little lesson for Big Steel

Mini-mills and imports have forced US companies to reform, says Martin Dickson



is the US recession, which has sharply cut American demand for steel. The effects of that have been exacerbated by a global glut of steel products, which has forced world prices down to the level of 1980 - and even lower once inflation is taken into account.

This problem is likely to recede gradually as the US and global economies emerge from recession, and American prices could get a further fillip if the industry eventually wins some form of protection through its anti-dumping actions.

But Big Steel also faces a longer-term, purely domestic threat, symbolised by a spanking new mill which lies 100 miles south of Lake Michigan, amid the red barns, silver grain silos and flat corn and soybean fields of rural Indiana.

This is the technologically innovative Crawfordsville plant of Nucor, the largest and most successful of the mini-mills which over the past three decades have come from nowhere to smother from Big Steel much of the US market for commodity products such as bars, wire and rod. They now account for about 21 per cent of US steel consumption, compared to about 17 per cent for imports.

The mini-mills differ from the US majors in that they are non-union, niche players with extremely lean organisational structures and make steel with less capital intensive technology. Big Steel is vertically integrated, meaning that each company carries out every stage in the

transformation of iron from raw ore into finished steel. The mini-mills start not with ore but scrap metal, which they simply liquefy in an electric arc furnace.

All these factors have given the mini-mills large cost advantages in low-grade steel markets. Big Steel's response has been to retreat to the more technologically sophisticated, higher margin markets for flat-rolled products, which account for about half of US consumption.

Nucor's two-year-old plant at Crawfordsville is special because it is the first mini-mill to make flat-rolled products - albeit for the less sophisticated end of that market - and it does so with a new technology, called thin-slab casting, which sharply cuts the time and capital costs required to make sheet steel.

Just how far Big Steel has come, and the challenge from the mini-mills that still lies ahead, can be seen by comparing the reforms which have significantly improved the efficiency of US Steel's Gary works with Nucor's Crawfordsville operation.

Five years ago the quality of Gary's flat-rolled output was so poor that it was in danger of being struck off the supplier list for two of its biggest customers, Ford and General Motors. Today, it holds a string of quality awards and its productivity, at around 2.7 man hours a ton, compared to over seven a decade ago, is probably the best of

any Big Steel plant.

Mr John Goodwin, the plant manager, attributes about half of this improvement to \$1.2bn of capital investment, which has been used to upgrade blast furnaces and rolling mills and make all of its output continuously cast (a cost-saving production method which integrated plants were slow to adopt).

The other half was due to a big change in the culture of the plant, with managers devolving much more responsibility to workers. "It sounds easy," says Mr Goodwin, "but it's very difficult. Our culture has always been: 'I'm the boss and you do what I say, when I say.'"

For example, a team of five workers has been assigned to customers' plants to assess problems with steel shipments and make recommendations for improvements.

Along with other parts of US Steel, Gary has gone some way to reducing job demarcation lines, and in one of its new finishing lines it intends to have just one category of union member running the whole operation. This should lead to more efficient use of the machinery. "But it's a lot easier to accomplish at a greenfield site," says Mr Goodwin.

That is clearly evident at Crawfordsville, where the heavily sweating labourer you see standing at the base of the casting machine turns out to also be the shift manager.

Nucor's employees are extremely flexible in their work practices. This is partly because they are from overwhelmingly rural backgrounds

- not for nothing is Crawfordsville in the middle of corn fields - and distrust unions. It is also because a very large element of their pay is linked to productivity, so the more flexible they are, the larger their take-home package.

The cost of employing labour at the two plants is not far apart. Gary spends about \$30 for an hour's work and Crawfordsville \$38. But because US Steel has the historic burden of high retiree benefits, the Gary worker only sees around \$14 an hour in his pay package, compared with \$20 for the Nucor employee.

Now put these labour advantages together with Nucor's relatively cheap electricity costs (thanks again to a rural, greenfield location) and the operating advantages of its new technology. The result is the lowest manufacturing costs of any US flat-rolled producer - some \$50 to \$75 a ton below Big Steel. Nucor claims the gap will widen as Crawfordsville matures.

"While those guys in Big Steel are wringing concessions from the labour unions, getting a morsel there and a granule here, this thing is a powerful beast that has a long way to move forward," says Mr Keith Busse, the plant manager.

Crawfordsville's 1m tons of output is small in a sector totalling 40m to 50m tons. But Nucor expects to be producing 8m tons from Crawfordsville and three clones by the turn of the century. Other mini-mills sniffing around the new technology could boost the total to 13m to 15m tons, says Mr Plummer, who adds: "There's no way that can happen without some companies being pushed out."

However, companies such as Nucor have no monopoly on new technology and US Steel's consideration of a mini-mill of its own shows how the most flexible and efficient of the Big Steel companies can fight back.

US Steel could even have a technical advantage over Nucor, since one new method of steel-making it is considering - thin strip casting - may produce higher quality steel than Nucor's thin-slab technique.

Mr Tom Usher, president of US Steel, which looked at and rejected the thin-slab method, argues that Nucor will never compete at the very top end of the flat-rolled market because its technology cannot make sufficiently fine steels - a view strongly disputed by Mr Busse.

Whatever the truth, many analysts believe that over the next 10 to 15 years the traditional distinctions between the mini-mills and integrated companies will blur as the two converge on new technologies both for smelting and casting steel, and as the Big Steel companies are driven to become nimbler niche players themselves.

Whether US Steel and other integrated plants can beat the mini-mills at their own game will depend in large measure on management enterprise, on each company's capital resources and on its ability to get the steel workers' union to adopt more flexible labour practices. US Steel looks reasonably well-placed, but some of its weaker brethren do not.

A flight over Gary provides a chilling reminder of the fate that awaits those that fail to adapt. Below, in the heart of America's mightiest steel complex, lies a large empty space, the site of razed factories that once served commodity markets lost to mini-mills and imports. Weeds cover the wasteland.

PERSONAL VIEW

The pragmatic option on pension equality

By Howard Davies

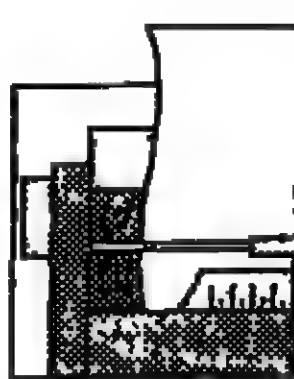


Illustration of a person sitting at a desk, looking at a document.

The government must soon declare its hand on one of the most important social and financial decisions any administration will face in the next generation: how to equalise state pension ages for men and women.

For the past two years, company schemes have been grappling with the need to put men and women on an equal basis, following a European Court ruling - the Barber judgment - that occupational pensions must not discriminate between the sexes. Now it is the government's turn to decide: it is critical that it gets the answer right.

During the 1980s, the real income of pensioners rose on average by over a third - more even than the record pay increases achieved by those at work. One measure of a civilised society is how well it treats its elders, so this improvement in pensioner income is welcome.

But the increase has not benefited all pensioners evenly. Indeed, little of the rise has come from changes to the basic state pension. Much more significant has been the growing contribution from "second tier" arrangements, particularly occupational pension schemes set up and largely funded by employers.

Members of those schemes benefited from the exceptional growth of stock values and yields during the 1980s, in sharp contrast with the 1970s, when many employers with company schemes found that they had to divert resources from business revenues or reserves in order

to maintain existing pensions at promised levels. But the "fat" years are now behind us. Few expect future investment performance to match the levels of the last decade.

Meanwhile, birth rates have generally fallen and people are living longer. That means the number of pensioners is going to grow much more rapidly than the working population. The cost of pension provision will quickly rise too.

Against that background, more than 80 per cent of company schemes moving to equalise pension ages for men and women since the Barber judgment have decided to do

For everyone, the right to full basic state pension should begin at age 65 - the current age for men

so at age 65. That is what we, and the Social Security Advisory Committee, believe the government should do. The right to a full basic pension in the state scheme should start at 65 - the current age for men - for everyone.

Others have taken a different view, arguing for equalisation at 60 or 63. The Equal Opportunities Commission, for example, has pointed to the problem of poverty among women and the importance of the state pension in many women's incomes, in part because their shorter working careers leave them with inadequate contributions to second-tier schemes. We understand these arguments, and we accept that the issue of how women build

up occupational pension entitlements needs addressing. But equalising pension ages for men at 60 would be an expensive and poorly targeted solution.

But why 65? The first reason, frankly, is cost. The cost of state pensions is now £28bn a year, some 11 per cent of total public expenditure. Employers' contributions to the National Insurance Fund are outstripping inflation as well as the rate of economic growth. The cost burden is mounting perilously.

Every leading industrialised nation faces the same fundamental problem - with an increasing proportion of elderly people in the population, how is a decent level of pensioner income to be maintained or improved? All seem to be coming to the same conclusion - the age of entitlement to a full pension must be higher rather than lower.

Germany is moving from a pension age of 63 for men and 60 for women to a unified arrangement at age 65. Italy is considering equalising at 66; so far pensions have been available at 55 for women and 60 for men. New Zealand is moving up from 60 to 65; Ireland already has an equal age of 66; Denmark has long been equalised at 67 and a move to 70 is being contemplated; and the US is the process of raising the current equal age of 65 to 67. France, in pensions as in other areas, is different; it decided to equalise at 60. But now a white paper proposes increasing the contribution period by 3/4 or 4 1/4 years - in effect, raising the age of retirement.

We acknowledge, as other countries have done, that such a change could not be introduced overnight. So it does not mean that women



now in their 50s or 60s would not be able to draw their state pensions at 60. But women currently under 40, retiring beyond the year 2015, say, would begin to move on to the same footing as their male colleagues.

Looking further ahead, we should be planning for more flexible arrangements that will allow people of either sex (and their employers) to make their own decisions about when they retire, suited to their own circumstances. That kind of freedom to choose is already becoming more common in occupational schemes. In the state scheme, too, men can retire between the ages of 65 and 70 and obtain an enhanced pension, meaning they gain extra income later to compensate for the years in which they drew no pension. There is no good reason why the same approach cannot be extended to allow early retirement for all, with a reduced - but still adequate - starting pension.

Would people reject a phased move over 20 or 30 years to equal provision based on the assumption that most would choose to work until 65? It is unlikely given the evidence from other countries. Many older people want to stay on the job. The UK Labour Force Survey has shown that almost 20

per cent of men aged 65 to 69 remained in work. More recently, a Gallup survey undertaken for the CBI showed that 25 per cent of men and women up to age 70 who had actually retired were interested in returning to work. More missed the companionship than missed the income.

Moving to a joint age of 65 would end a wartime anomaly that was mainly designed to remove women from the labour market on the premise that they should be at home when their husbands retired. That sort of thinking is out of place today. For many women it could open up the opportunity of contributing for a further five years and earning a higher pension. By creating an expectation that women would normally work on as long as men, equalisation at 65 could also help break down the so-called "glass ceiling" that many feel stops them from reaching senior positions.

Britain's pensioners are becoming better off and that is good news. But as costs escalate they - or their children still in work - will lose out in future unless equal pension treatment for women is based on current arrangements for men. The author is director-general of the Confederation of British Industry.

Dismal first-half results from the four big clearers have raised doubts over the industry's long-term health, writes Robert Peston

Why British banks are singing the blues

This is the wrong decade to be a British bank clerk, just as the 1980s were not happy years for steel workers.

The banking industry is not merely in the grip of a recession, though its effects — in the form of unprecedented levels of bad debts — have been severe. The long-term outlook is also bleak.

That was the message delivered over the past week by the chairman of the UK's four clearing banks — Barclays, National Westminster, Lloyds and Midland — all of which have announced their first-half results. Since the recession began two years ago, the four have set new records for the British Olympic team. But these records have been the source of little pride. Never before have the banks lost so much money from lending.

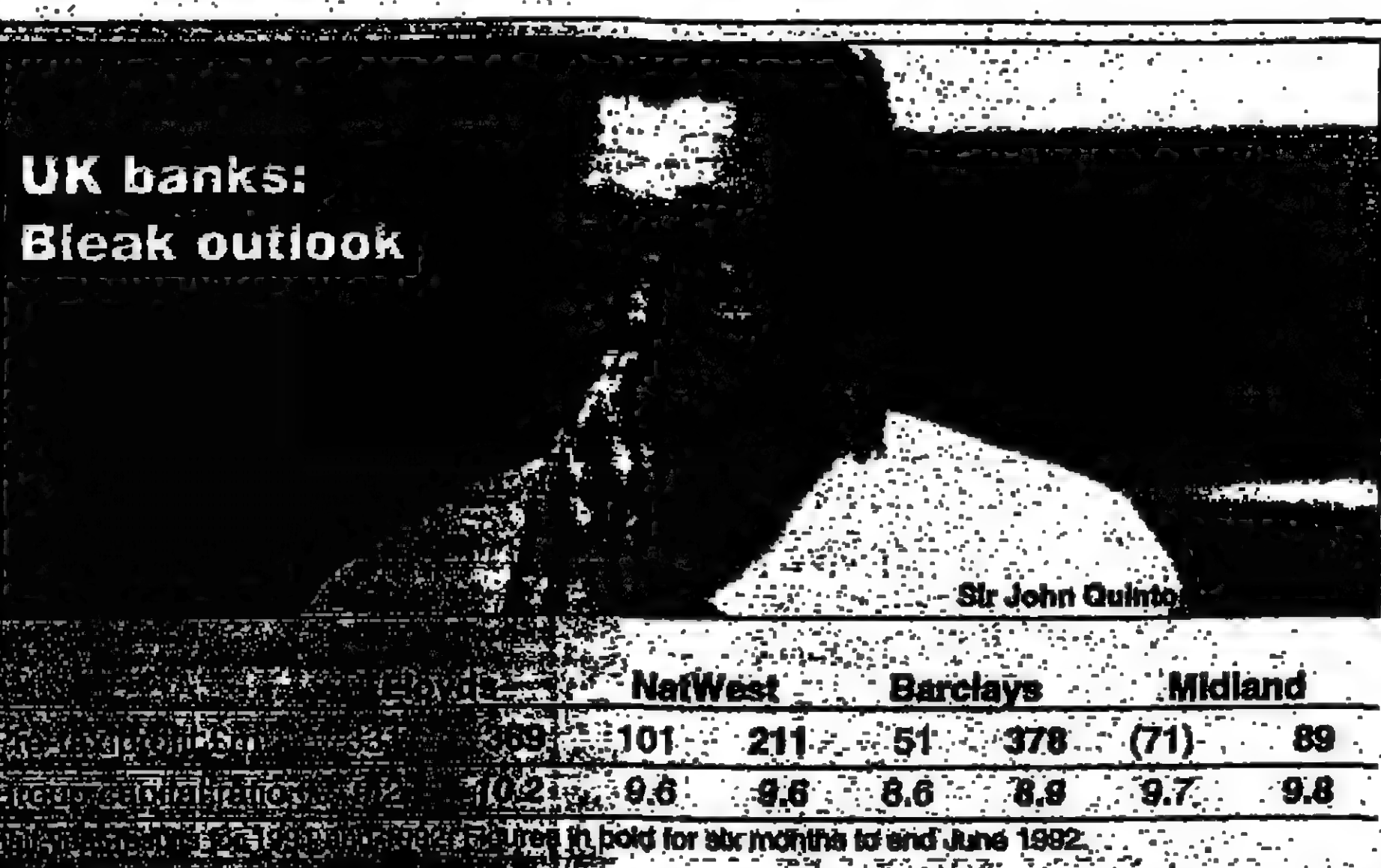
Barclays' bad debt charge of £1.07bn was the largest, in part because of the bank's excessive lending to a handful of big property companies — including Mountleigh, Olympia & York, Speyhawk and Heron — when the property market was approaching its peak at the end of the 1980s.

As a result, Barclays yesterday disclosed that it had made a £30m loss after tax in the first half. It was only the second time in Barclays' 300-year history that it disclosed a loss and the first time that such a loss stemmed from problems in its core UK operation.

The long-term prospects for growth, once the recession ends, are also poor. Sir John Quinlan, Barclays chairman, is doubtful that the economy will start to recover for a year or two. Even when the recession ends, he believes that "it will be difficult to return to the levels of profit enjoyed in the late 1980s".

Some bankers and industry observers are even more pessimistic. They fear that the severity of the recession could force the banking industry close to insolvency. The thesis is that the banks have an excessive exposure to the property market through direct lending and through commercial loans backed by property collateral.

Unless interest rates are cut sharply, property prices may continue to fall, leaving the banks bereft of security for their loans. So if customers continue to have difficulty making loan payments, the banks could be hit by a second great wave of loan losses.



UK banks: Bleak outlook

Source: Banks' first-half results, 1992

Figures in £ millions, except where stated

Figures for the first six months of 1992

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LETTERS TO THE EDITOR

Number One Southwark Bridge, London SE1 9HL

Fax 071 873 5938. Letters transmitted should be clearly typed and not hand written. Please set fax for finest resolution

Strong case for forgiving debt of low-income Africa

From Ms Maria Elena Hurtado

Sir, Mr Lawrence Summers, the chief economist at the World Bank who shot to fame when he proposed the transfer of polluting industries to the third world, has made a valiant attempt to rehabilitate himself by advocating a substantial forgiveness of the debt which is owed by low-income Africa (Personal View: "The lessons of debt", August 3).

The case for urgent debt forgiveness could not be stronger. Drought is threatening the lives of some 130m people in 10 southern African countries. The lives of another 130m are seriously at risk, according to the United Nations.

Yet, instead of building food stocks and strengthening their agricultural sector against recurrent drought, these countries have been spending their foreign exchange earnings to pay back debt.

In 1990, Zimbabwe, Malawi and Tanzania all used up more than a quarter of their foreign exchange earnings for this purpose. The situation would have been far worse were it not for the rescheduled payments and the build-up of arrears.

Tanzania and now Zambia, have been granted Trinidad Terms of debt relief on 50 per cent of the debt falling due in the next years.

As Mr Summers acknowledges, much more is required. The World Development Movement agrees with the United Nations that all of the official bilateral debt of the poorest countries in Africa must be cancelled.

But while industrial country governments, with the exception of US, are doing their tiny bit to reduce the debt burden, multilateral institutions such as the World Bank and the International Monetary Fund have failed sub-Saharan African countries.

Around 40 per cent of their debt servicing (excluding Nigeria) goes to multilateral institutions, and this debt cannot be rescheduled. Mr Summers can only hope to start to rebuild his battered image if he tackles the debt haemorrhage his own institution is causing Africa.

Maria Elena Hurtado, World Development Movement, 25 Beetham Place, London SW9

Retirement proposal bad for employment and costly long-term

From Mrs Kathryn Vessey

Sir, I read with some concern your article, "Retirement age of 55 proposed for men and women" (August 4). This recommendation is nothing less than a cost-saving exercise and a huge betrayal of the quality of life expected by the majority of working women. The men gain no favours either when considering the substantial numbers already opting for early retirement.

I feel the Social Security Advisory Committee has based its proposals entirely on the basis of how government will find the wherewithal to fund future state pensions.

A substantial percentage of today's female workforce has been working full time, paying a full stamp, since early teens and, to boot, raising a family before returning to work in their mid- to late-20s, increasing their working day to two full-time jobs. Women are now living longer than men. The SSAC proposals obviously intend to reverse this trend.

On the equality issue of bringing men and women to the same retirement age, can the SSAC justify these proposals against the employment factor for our young people? The longer a mature genera-

tion stays marketable, the fewer the job opportunities for the young. Young people are needed in all sectors of the marketplace to bring fresher energies and newer ideas to Britain's future growth and development in a competitive world. Can the SSAC believe Britain will be better served by somebody approaching retirement age rather than enthusiastic and technically more highly trained young school leavers and graduates? The social issues of the unemployed youth of today will be nothing compared with those in 15 years' time.

The billions looking to be saved over future years to improve pension packages will be far outweighed by the funding required for the young unemployed by way of benefits and educational/work experience training packages. Finally, in a so-called democratic society, where has freedom of choice disappeared to? I fear we may well need another Emily Pankhurst to endorse this committee's suggestion that the issue is one of "political unpopularity".

Kathryn Vessey, 76 Anlaby Park Road South, Hull, East Yorkshire HU4 7BS

Get rid of lower power heritage

From R N G Blower

Sir, I note with something approaching delight that decision time seems to be approaching for Battersea Power Station ("View that became a value's nightmare", August 5). In particular, I am pleased to see that commercial reality has all but overcome English Heritage's fundamen-

tally daft idea of preserving this industrial-age monstrosity (famous only for its appearance with flying pigs on the cover of a Pink Floyd record). It blights the tree-filled beauty of nearby Battersea Park and is a chronic waste of riverside. By all means preserve industrial architecture and technology which can teach people something of the industrial past, eg the Steam Museum opposite Euxine, but Battersea Power Station is a rival to Paris Euro Disney? Come off it!

Mr David Mellor, the heritage minister, needs to reverse

No changes seen in Italy

From Mr Onésimo Alvarez-Moro

Sir, Robert Graham continues to show stubborn optimism ("Amato plays the chaos card", August 4) that the recent election results in Italy will lead to substantive changes in the system.

The sad reality, however, is that not only do the same old faces continue to be seen — but they are up to the same old tricks.

Wake up Italians! You do not have very much time. Onésimo Alvarez-Moro, Ponzio 2, 28012 Madrid, Spain

Commercial principle is ignored

From Mr J J Blakey

Sir, David Porter's letter ("Subsidies have been forgotten by energy users", August 5) obviously reflects the interest of his Association of Independent Electricity Producers members in high electricity prices if they seek to increase (or persuade others to increase) overcapacity in generation at current fuel prices.

What happened to large industrial customers' prices for 1987 to 1991 was that an attempt was made to give them the benefit of ordinary commercial discount for quantity and regularity of custom, and also to recognise the value of load shedding at times of system stress.

The present (and former) general system of pricing does not otherwise accommodate this commercial principle. The problem with the present system is that, in principle, big users pay the same prices for energy as domestic consumers, which is absurd. The difference in final delivered price of electricity arises from the additional costs of distribution to domestic consumers, as David Porter well knows.

If he has evidence of state subsidy to Britain's European competitors' electricity suppliers, he should let the European Commission have it. Our studies simply show that the continental supply industry behaves more commercially than ours.

J J Blakey, chairman, Energy Intensive Users Group, c/o BISPA, 5 Cromwell Road, London SW7

Where is the connection?

From Mr Tom Birkett

Sir, What reason can you have for describing a man charged with fraud exceeding \$50m as having "firm political views" and being "well-known among the Bruges Group of anti-European federalists" on page one ("UK banks face £490m suit", August 5) and elaborating on an inside page?

Can we expect the political leanings of every future alleged fraudster to be analysed in such detail, or is this just a case of tarring all of us anti-Maastricht people with guilt by association?

Tom Birkett, 5 Sikerbeech Road, Wallasey, Wirral

OBSERVER

Retirement cure-all

For a privately-owned company with an annual turnover of £10m, Essential Fatty Acid Molecules, seems to have no difficulty adding big names to its letterhead. A few years back Sir James Black, the Nobel prize-winning scientist who discovered two of the world's best-selling drugs, joined the board. Now it has recruited Sir James McKinnon, Britain's gas regulator.

It is not every day that Britain's regulators take up non-executive directorships and if they do, one would normally expect to have heard of the company they are joining.

However, Sir James, who is two years from retirement, says that he first heard of EFA molecules — short for Essential Fatty Acid Molecules — through its chairman Sir Ian Morrow. Like himself, Morrow is a former president of the Institute of Chartered Accountants of Scotland. Sir James is not some healthy medicine freak.

Nevertheless, he is clearly excited by the potential of some of the drugs under development. It seems that Britain's scientists are leading the race to find natural cures for diseases. He hopes he has something to add on the commercial side. Who knows, he may even have an eye on taking on the chairmanship when the 70-year-old Sir Ian eventually decides to stand down.

Divi divining

Now that BP has cut its dividend one wonders which other pillars of the corporate establishment could be a bit shaky. Like most good clubs, the FT 30 share index has a rather quirky membership, even so the health of its members is well worth monitoring for signs of dividend fatigue.

Asda and Royal Insurance have only been admitted to the FT 30 club in the last decade, and they have already cut their dividend. BP itself is a relatively junior member — it was only invited to join in 1977 when Sir Jimmy Goldsmith whisked his Cavenham foods business offshore. Among other new members which may

have difficulty keeping up their dividends, P & O, Forth and BICC are worth keeping an eye on. No need to sound the alarm bells, but their shares are far more lowly rated than they were at the bottom of the last recession in 1981.

However, Courtauld, ICI, Allied-Lyons and Guinness were all rated even more lowly in the last recession, but they pulled up their socks and have gone on to win their club colours for good behaviour.

Recharged

President Boris Yeltsin, a no-show in Barcelona, has written to International Olympic Committee president Juan Antonio Samaranch apologising for his absence and adding that he hoped the two of them could play tennis soon.

Yeltsin, a tennis buff and member of Moscow's Petrovsky Park tennis club, was due to play Samaranch in Moscow in January this year but the match was rearranged for the summer after the IOC chief issued an invitation to the Olympics.

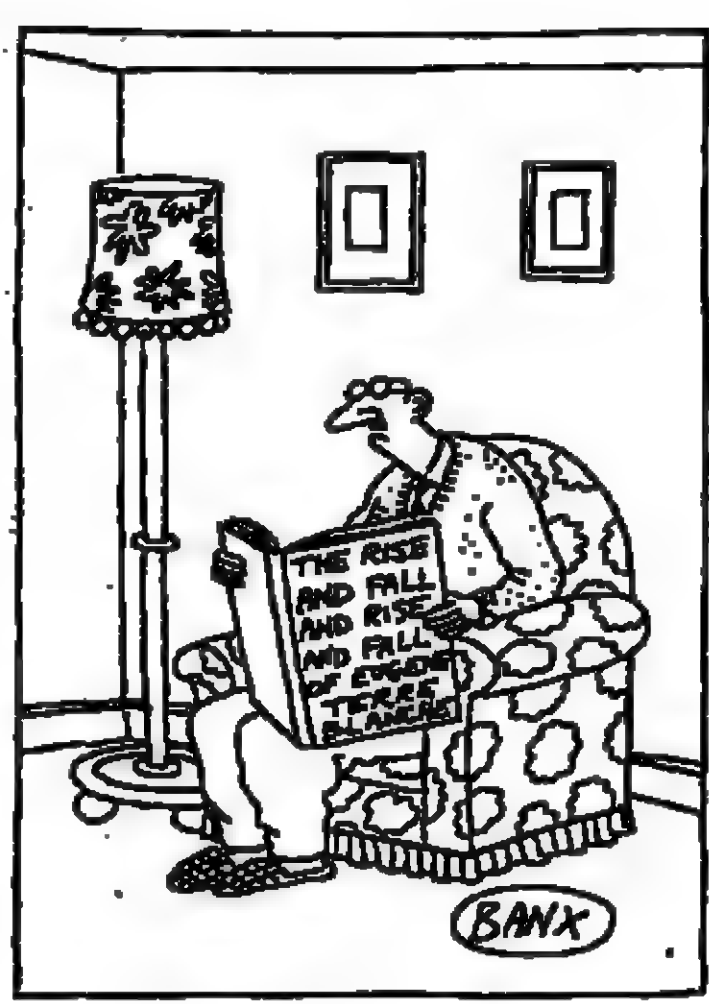
Yeltsin's change of mind surely can't have anything to do with his tennis form — George Bush presented him with a battery-powered tennis machine earlier this summer.

Bully beef

President Carlos Salinas of Mexico, though proud of his free-trade colours, has drawn in his horns of late. On his recent visit to Britain, Salinas dug in his heels and refused Douglas Hurd's advocacy of the £2m worth of Northern Irish beef which the Mexican authorities claimed was contaminated but which met all international health standards.

But it would seem that Salinas has been stamped into his protectionist stance. Patricio Chirinos Calero, a close friend of the president and his former environment minister, was publicly thanked by Veracruz cattle-breeders for keeping out foreign beef earlier last month.

Chirinos, then standing for re-election as governor of Veracruz in Sunday's election, told the delighted farmers that accepting



the foreign beef would have violated national sovereignty and endangered Mexican health. Now that the election is over, will Salinas get down off the stockade and let the beef in?

Evasive

The search is on for the red-faced lawyer at Customs and Excise who has cost the taxpayer up to £100m through sloppy drafting of legislation.

The High Court has ruled that a provision in the 1985 Finance Act did not give Customs quite the leeway it thought it had in evading its stated commitment to repay VAT refunds within 30 days.

Thousands of traders will now be able to claim a 6 per cent supplement on the value of their refunds over the past seven years. Customs sheepishly refused to be drawn on whether all these claims would be processed within 30 days.

Transcending

Lloyd's of London needs all the help it can get. But maybe it should look no further than its own navel.

The Natural Law Party thinks that transcendental meditation is a solution for all the world's problems; now it is proposing "detailed discussions" with insurers.

million pounds" in "Maharishi Mahesh Yogi's Vedic technology", insurers could save hundreds of millions of pounds by reducing crime and accidents, according to the party's leader, Geoffrey Clements. Seven thousand experts, which presumably include the 30 candidates fielded in the general election, practising transcendental meditation twice daily can "create a positive influence on the entire world," he insists.

The crisis at Lloyd's and at big insurance companies indicates the "short-sightedness of leaving the destiny of the world to chance. We would like to invite the leading insurers to ensure their own future," says Clements, arising from his horizontal plane.

Tough choice

If the BBC had to choose which government minister it wanted to vet the MMC report on Television Broadcasting Services, it would probably not have picked Neil Hamilton, the 43-year-old corporate affairs minister.

Hamilton, who is keen to beef up the MMC's rather tepid recommendations, has crossed swords with the Beeb before. Along with Gerald Howarth, who lost his seat at the last election, Hamilton successfully sued the BBC over a 1984 Panorama programme which falsely accused the two Conservative MPs of neo-Nazi behaviour. It cost the BBC £500,000 and could well have been one of the issues that led to the sacking of Alastair Milne as BBC director general.

Saving trees?

Should we sympathise with the parious state of Labour's finances or should we admire the party's parsimony?

A press release put out yesterday by Frank Dobson, shadow employment secretary, carries on the matted name of John Underwood, its former communications director.

For the record, Underwood resigned in June 1991. Will documents coming from the party leader's office continue to bear Neil Kinnock's imprimatur until stocks are exhausted?

NEW ISSUES August 5, 1992

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INTERNATIONAL COMPANIES AND FINANCE

Veba falls 14% at pre-tax level

By David Waller in Frankfurt

VEBA, one of Germany's largest industrial companies, with activities ranging from chemicals and energy to trading and retailing, yesterday reported pre-tax profits down 13.5 per cent to DM889m (from DM1.03bn) in the first six months of the year. However, turnover rose by 12.4 per cent to DM33.55bn, mainly as the result of acquisitions.

Mr Kiran Bhojani, recently appointed head of investor relations at the Düsseldorf-based conglomerate, explained that, but for a number of spe-

cific exceptional factors, pre-tax profits would, in fact, have risen by 7.5 per cent.

Heavy depreciation associated with new investments, combined with pension provisions and provisions for the costs of redundancies in the chemicals division, absorbed a total of DM222m which was charged "above the line" to the profit and loss account. A substantial proportion of the total would have no impact on cash flow, Mr Bhojani said.

The company gave no divisional breakdown of profits, indicating only in general terms that the chemicals divi-

sion - where turnover climbed by half a per cent to DM5.33bn - lost money in the first half, partly because of poor market conditions but also because of extensive rationalisation measures.

There was also a "considerable decline" in profits in the oil division, despite a 6.6 per cent increase in turnover to DM6.56bn. The company said it had been impossible to reach the prior-year level, which had benefited through special factors connected with the Gulf war.

There was unlikely to be any notable earnings improvement

over the course of the year as a whole in these two divisions, Veba warned.

The service businesses improved total turnover by 25.4 per cent to DM15.63bn. Veba said profits here were pleasing, especially in the construction materials handling sector which profited from the construction boom in the eastern part of the country.

The increase in turnover reflected the acquisition of Schenker-Rhenus, a transport company bought last year. Capital investment in the first half was DM1.83bn, up from DM1.63bn last year.

Profits rise by 14% at GEC Alsthom

By Alice Rawsthorn in Paris

GEC-ALSTHOM, the Anglo-French power company, saw net profits increase by 14 per cent from FF1.71bn (\$340m) to FF1.95bn for the year ended March 31.

The power group, formed three years ago as a joint venture between the UK's GEC and Alcatel-Alsthom of France, increased operating profits by 20 per cent to FF3.36bn on sales 8 per cent up at FF52bn.

GEC-Alsthom has emerged as an aggressive player in the European power generating equipment market due to a forceful strategy of developing a broad product range and exploiting the licensing agreement that European Gas Turbines (EGT), its French subsidiary, has with General Electric of the US. The US group has a 10 per cent stake in EGT, with the rest belonging to GEC-Alsthom.

One market where GEC-Alsthom has gained ground against its chief competitors, Siemens and Asea Brown Boveri, is combine-cycle gas turbine power stations, the fastest-growing sector of the thermal power generation market. The Anglo-French company has this year won a number of contracts in this sector including the main one for PowerGen's new station at Connah's Quay in North Wales.

EGT yesterday announced it had won a FF1.2bn export order to supply eight gas turbine generators to Iran Power Generation and Transmission (TAVANIR). EGT has also won smaller export orders for Europe and Latin America worth a total of FF500m.

Its counterpart in the UK reported its first orders for typhoon gas turbines for offshore platforms in the North Sea and Australia. The EGT orders in France and the UK contribute to a total of FF2.5bn of new export orders for the GEC-Alsthom group.

GEC-Alsthom said that it received orders worth FF53.3bn in the 1991-92 financial year.

Timmer acts to quell doubts in break with tradition

By Ronald van de Krol in Eindhoven

PHILIPS, the beleaguered Dutch electronics group, yesterday deployed Mr Jan Timmer, the president, to quell doubts about the company's new consumer electronic products that have created the weakness which has beset its share price since early summer.

Breaking with tradition, Mr Timmer presided over the company's quarterly press conference to clear up what he described as misunderstandings about the future prospects of the digital compact cassette (DCC), compact disc-interactive (CD-I) and high-definition television (HDTV).

Mr Timmer, who normally addresses only the annual results presentation in February, vigorously denied a Dutch press report that the company would face financial problems if its HDTV standard, developed together with Thomson of France, did not prove successful.

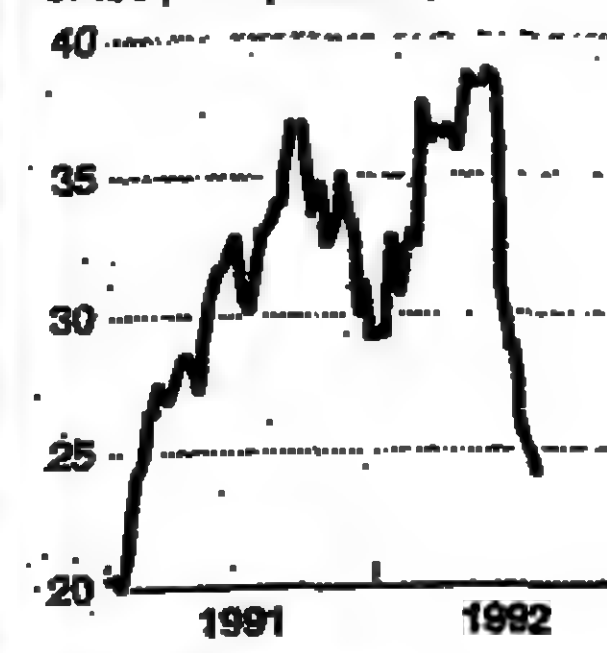
He said the importance of HDTV to Philips' financial well-being had been distorted and the effect of these worries on Philips' shares had been exaggerated. Mr Timmer said the future of HDTV lay with European Community finance ministers, who must decide later this year on whether to approve incentives to encourage broadcasters to produce programmes in D2-MAC. This is the standard developed by Philips, Thomson and other European compa-



Timmer: Confidence bid

Philips

Share price (Gulders)



Source: Datastream

nies, as an intermediary step to full HDTV.

However, Mr Timmer said Philips was "prepared for a large number of eventualities" if another solution was found.

Investor worries about HDTV have been compounded by Philips' recent announcement that it was delaying its planned September launch of DCC until later in the year, as well as by doubts about the success of CD-I, a multi-media version of the popular CD player.

Recalling the launch of the CD in 1982, Mr Timmer said: "At the time, there were an unbelievable amount of Doomsday Charlies who said 'Don't do it because we have the cassette... and the LP'. If we had listened to them, the CD would never have been launched."

He said the delay in getting DCC to shops was small compared with the expected 25-year life span of the product.

Mr Timmer acknowledged that "we shot ourselves in the foot" by originally specifying a September launch rather than speaking of "the autumn".

Mr Timmer, who once said he might resign if results did not improve by the end of 1992, stated that yesterday's figures "are no reason for me personally to say 'I'm throwing in the towel'".

After the press conference, Mr Timmer started journalists in the press centre by making an impromptu walkabout. Commenting on yesterday's further decline of nearly a guilder in Philips' share price, he said: "I didn't come here with the illusion that the share price would go up by five guilders."

Clearly, however, Mr Timmer's performance yesterday was designed to win back some of the confidence which his elevation to the top job at Philips generated back in July 1990.

Prima creditors meet again today

By Peter Bruce in Madrid

SOME 90 creditor banks of the big Spanish property group Prima Inmobiliaria are to meet again in Madrid today after a first meeting with Prima and its owners, the Kuwait Investment Office (KIO), to discuss a two-month moratorium on debt repayments, ended in confusion on Wednesday.

Prima, the KIO and Salomon Brothers, which is advising the KIO on the restructuring of its \$4bn assets in Spain, are encouraging the banks - which

Prima owes close to \$500m - to form a steering committee. In return, the KIO has promised to lend Prima \$35m to make interest payments.

At Wednesday's meeting, Mr John Gomez-Hall, Prima's chairman, and Mr David Jarvis, the Salomon official advising KIO, said 90 per cent of Prima's assets were either greenfield or under construction and were not producing revenue. The group needed time to design a survival plan.

Mr Mahmoud Al-Nouri, chief KIO official in Spain,

unexpectedly spoke. He said the KIO management in London had only been in place since May, implying they were not responsible for the plight of Prima and Errores, the KIO chemicals group which stopped paying creditors last month. He asked for unanimous agreement on a moratorium or the KIO would have to take other steps. This may have meant suspending payments or the sale of assets.

By late yesterday the banks had still not discussed their response.

Half-year income halved at Petrofina

By Andrew Hill

PETROFINA, the Belgian oil company, yesterday announced that interim profits had halved to BF7.89bn (\$128m) as the fall in crude oil and gas prices and the weakness of the US dollar continued to take their toll.

The group - which last year reported first-half net consolidated profits of BF9.5bn - said it could see no immediate end to the economic recession which is blighting the industry. Overall turnover slipped to BF26.5bn from BF29.5bn.

"Nothing leads us to expect

in the months to come any significant change in this situation, which severely affects the petroleum and petrochemical industry," said the company, one of Belgium's largest industrial groups.

Mr Francois Cornélis, chief executive, warned of a "marked drop" in first-half profits in May, and said an improvement would depend on a rise in US gas prices and improved refining margins.

Instead, the company reported that refining margins had continued to slide during the first half. Refining, market-

ing and transport operations turned in interim operating profits of BF3.27bn against BF7.89bn, and were hit in the US by unspecified "technical problems" which caused "considerable production losses".

Profits slipped at all of Petrofina's operations, except paints, which made BF919m in the first half against BF620m in last year's equivalent period. Chemicals profits dropped to BF3.1bn from BF4.99bn and exploration and production to BF6.18bn from BF6.31bn.

The group said it was taking

the gloomy outlook into account in its strategic planning. As part of its strategy, Petrofina is trying to reinforce its Antwerp refining capability and getting more choosy about the development of its petrochemical products.

Last week, Fina, the group's US affiliate, reported net earnings of \$87,000 for the six months ended June 30 against \$12.5m last year. Second-quarter earnings were up to \$5.53m from \$4.24m. Negotiations are continuing with Arabian Petroleum to establish a joint venture in the refining sector.

CAE slips in first quarter

By Robert Gibbons in Montreal

CAE Industries, a leading international flight-simulator maker, posted lower first-quarter profit, but a C\$35m (US\$29.6m) order for Cathay Pacific will bolster its order-book.

For the June quarter, CAE earned C\$5.7m or 5 cents a share, down 15 per cent from C\$6.7m, or 7 cents a year earlier, on revenues of C\$240m against C\$273m.

The slowdown in world aviation has reduced commercial simulator orders and revenues will be flat this year, the company said.

Earnings for fiscal 1993 should improve slightly over fiscal 1992, said Mr David Race, president.

Shell income tumbles by 26%

By Richard Gourlay in London

ROYAL Dutch/Shell, the Anglo-Dutch oil company, yesterday reported a 26 per cent fall in second-quarter net income to £481m (\$918.7m) excluding inventory gains and losses.

Over the first half, net income measured on the same current cost basis fell 24 per cent to £1.44bn, on sales down 4 per cent at £24.43bn.

A second-quarter improvement in upstream profits from a higher crude oil price was offset by a reduction in downstream margins and further falls in chemicals as a result of weak economic demand.

The figures included £216m of non-operating profits, most of which related to sales of assets and the settlement of

tax affairs in the US. These special gains were only partly offset by foreign exchange currency losses of £102m which were also included in the net income figures.

The comparative figures for the second quarter of 1991 were a £21m gain from special non-operating profits and a currency gain of £120m.

Royal Dutch/Shell said these special benefits were exceptionally high and unlikely to be repeated this year. The group's net income including inventory gains rose 8 per cent in the second quarter to £576m and 4 per cent over the first half to £1.44m.

Royal Dutch's share of group net income in the first half rose from £15.60 per share to £15.71; Shell Transport's share rose from 14.3p to 14.6p per

share. The dividends for the two parent companies will be set on September 10.

Cash flow from operations in the first half fell from £3.73bn to £3.06bn, with the swing arising largely from a sharp increase in working capital utilised. Capital spending and exploration costs in the first half fell 17 per cent to £2.5bn.

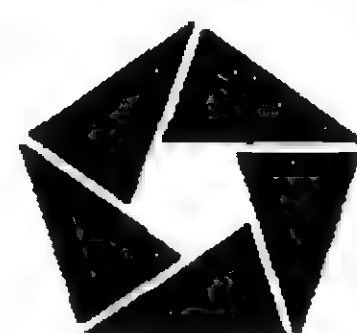
The group's share of crude oil production from its own and shared ventures rose 7 per cent to 2.15m barrels a day while natural gas volumes were 8 per cent higher at 7.1bn cu ft a day.

In chemicals, group earnings fell from £101m to £3m in the first half with the main losses outside the US and heavy inventory losses in both quarters. Lex, Page 14

NEW ISSUE

This announcement appears as a matter of record only.

6th August, 1992



PENTA-OCEAN CONSTRUCTION CO., LTD.

(Goyo Kensetsu Kabushiki Kaisha)

U.S.\$200,000,000

2 1/4 per cent. Notes 1996

with

Warrants

to subscribe for shares of common stock of Penta-Ocean Construction Co., Ltd.

Issue Price 100 per cent.

Yamaichi International (Europe) Limited

Fuji International Finance PLC

Goldman Sachs International Limited

Kyowa Saitama Finance International Ltd.

IBJ International Limited

Yasuda Trust Europe Limited

Nomura International

Bank of Tokyo Capital Markets Group

BNP Capital Markets Limited

Daiwa Europe Limited

KDB Bank (UK) Limited

Merrill Lynch International Limited

New Japan Securities Europe Limited

Nippon Credit International Limited

Taiheiyō Europe Limited

Barclays de Zoete Wedd Limited

Daito Securities Europe Limited

Hambros Bank Limited

Kleinwort Benson Limited

Morgan Stanley International

Nikko Europe Plc

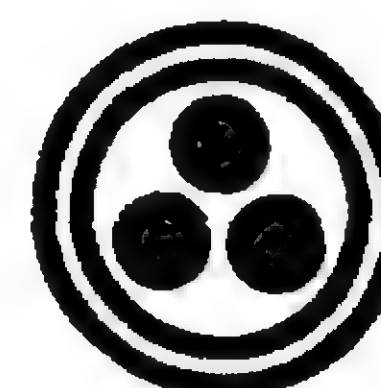
Swiss Bank Corporation

Westdeutsche Landesbank Girozentrale

NEW ISSUE

This announcement appears as a matter of record only.

August, 1992



KURARAY CO., LTD.

U.S. \$150,000,000

2 1/4 per cent. Bonds due 1996

with

Warrants

to subscribe for shares of common stock of Kuraray Co., Ltd.

ISSUE PRICE 100 PER CENT.

Daiwa Europe Limited

Nomura International

IBJ International Limited

Fuji International Finance PLC

Nikko Europe Plc

Sumitomo Finance International plc

Yamaichi International (Europe) Limited

Barclays de Zoete Wedd Limited

Baring Brothers & Co., Limited

BNP Capital Markets Limited

Credit Suisse First Boston Limited

Goldman Sachs International Limited

KOKUSAI Europe Limited

Merrill Lynch International Limited

Mitsubishi Finance International plc

Morgan Stanley International

New Japan Securities Europe Limited

Norinchukin International plc

Salomon Brothers International Limited

Sanwa International plc

Sanyo International Limited

J. Henry Schroder Wagg & Co. Limited

Sumitomo Trust International plc

Universal (U.K.) Limited

Wako International (Europe) Limited

S.G. Warburg Securities

Yasuda Trust Europe Limited

Cosmo Securities (Europe) Limited

INTERNATIONAL COMPANIES AND FINANCE

Profits rise by 17% at Cheung Kong

By Simon Holberton in Hong Kong

CHEUNG Kong, Mr Li Ka-shing's flagship Hong Kong company, yesterday reported a 17 per cent rise in net profits to HK\$2.23bn (US\$285.5m) for the six months to June 30 from HK\$1.92bn in the first half of 1991.

Cheung Kong, in which Mr Li has a 34.9 per cent holding, is one of Hong Kong's leading property developers and investment companies. It is the vehicle through which Mr Li holds a 40 per cent interest in Hutchison Whampoa, and a diversified portfolio of small investments in other listed companies.

Cheung Kong's profit growth was struck on a 38.8 per cent jump in turnover to HK\$4.7bn from HK\$3.4bn. Earnings per share rose to HK\$1.06 from HK\$0.90.

An interim dividend of 20 cents a share was declared, up 16 per cent from the 17 cents last time.

Mr Li expects the full year results to show satisfactory growth and dividends for the year would be raised.

The Hong Kong property market was showing some signs of slowing down. "However, in view of the still robust economy and the restricted supply of land, the market will continue to be active, after a short period of consolidation."

During the first half, Cheung Kong invested HK\$1.8bn in locally-listed companies. It has a large cash surplus - estimated to rise to about HK\$3bn by the end of this year. For cash management reasons it has decided to put part of that surplus into local shares where returns are higher than in the local money market.



Li Ka-shing expects the full year result to show growth

Hutchison Whampoa cuts dividend

By Simon Holberton

HUTCHISON Whampoa, the diversified Hong Kong conglomerate, yesterday surprised the colony's financial community with a 20 per cent cut in interim dividend and a substantial write-down of its investment in Husky Oil, a Canadian oil and gas producer.

The company took an above-the-line write-down of HK\$1.42bn (US\$183.7m) on Husky, cutting by half the book value of the investment it first made in 1986. In 1991, it wrote off HK\$760m for a fall in the value of Husky's oil and gas reserves.

The latest write-down pushed the group into first half net losses of HK\$78m, com-

pared with profits of HK\$2bn a year earlier. Although it is a non-cash item, it will affect Hutchison's gearing.

Mr Archie Hart, head of research at Crosby Securities, the Hong Kong brokerage, said: "Husky goes down as one of the world's worst acquisitions. It is on a par with Midland Bank's acquisition of Crocker."

But the market, which had been expecting a Husky provision, was further disappointed by a deterioration in the company's underlying profitability, apparently due to the poor performance of Hutchison's UK telecommunications business.

Mr Li Ka-shing, chairman, said that given the planned substantial cash requirements

for the development of the company's UK telecommunications business, it was considered prudent to cut the interim dividend by 20 per cent to 16 cents from 20 cents.

He said losses in the UK would continue for the next few years, but added that the long-term potential of the business was promising.

Turnover advanced to HK\$10.2bn, from HK\$9.4bn. Operating profits fell slightly to HK\$1.9bn from HK\$2bn.

Husky again appears to be the main problem at the operating level, together with UK telecommunications and possibly the company's satellite television venture, Star TV.

Analysts said Hutchison's Hong Kong operations - prin-

cipally its container port interests, property development, retailing and telecoms - all performed reasonably well.

Throughput at Hongkong International Terminals, the dominant operator at the colony's container port, rose 15 per cent. Felixstowe port in the UK was operating profitably.

Analysts said that, paradoxically, Mr Li was about the only investor in Hutchison to benefit from the company's woes.

Last year, he raised HK\$881.4m through the issue of 273m covered warrants over Hutchison stock - equal to 7.5 per cent of the company.

Hutchison has under performed the market since. If it continues he may not have to face conversion, they said.

Earnings at Amic down 15% in first half

By Philip Gawth in Johannesburg

LOWER prices in export markets and weak domestic demand caused earnings at Anglo American Industrial Corporation (Amic), the industrial arm of South Africa's largest company, to fall by 15 per cent in the first half to June.

Turnover rose 5 per cent to R3.3bn (\$1.2bn) from R3.1bn a year earlier, but difficult trading conditions saw operating profits fall to R170m from R211m. Amic's share of earnings of associated companies rose marginally to R9m from R8m, while income from investments and interest earned rose to R48m from R35m.

Pre-tax earnings fell to R239m from R282m, while attributable earnings were 12.1 per cent lower at R160m compared with R182m.

Mr Leslie Boyd, chairman, said most of Amic's subsidiaries and associates had experienced reduced demand in local markets and lower prices abroad. This had resulted in cuts in some operations and lower production runs.

Amic's interests are concentrated in mining-related activities and heavy industry. These have been hard hit by a fall in fixed investment by industry, which dropped at an annualised 7.5 per cent in the first quarter.

The dividend was maintained at 110 cents a share on earnings of 281 cents, down from 333 cents.

Mr Boyd said that earnings for the full year were likely to be in line with those for the first half.

Consolidated Metallurgical Industries (CMI), the world's second-largest ferrochrome producer, improved its operating performance but still made a loss in the year to the end of June. CMI, a member of the Johannesburg Consolidated Investment (JCI) group, increased turnover to R306.4m from R274.6m in 1991 and managed to turn a R6.4m operating loss in 1991 into a R14.9m profit in 1992.

Deutsche Bank loses its immunity to recession

David Waller on questions posed by the poor results

A N ELEMENT of schizophrenia - joy at others' misfortunes - crept into analysts' reactions to Deutsche Bank's poor figures this week. Germany's biggest bank, the most powerful and profitable in the country, suddenly appeared to have run out of steam.

"It looks as though the great ship of state Deutsche Bank has at last ground to a halt," quipped one analyst, commenting on the 3.2 per cent decline in total profits to DM3.06bn (\$2.08bn) for the first six months of the year.

Deutsche's relatively weak performance was accentuated by comparison with the figures put out by its smaller competitors in recent days. Commerzbank, Germany's third-largest bank, increased its total profits by 17.5 per cent and Dresdner Bank, the second-biggest, by 15 per cent.

Other large banks also showed themselves immune to recession. Yesterday, Bayerische Vereinsbank said that partial operating profits - excluding trading gains - rose by 28 per cent, and in recent days Bayerische Hypotheken und Wechselbank reported a 22.5 per cent increase, and DePfa, a Wiesbaden-based mortgage bank, improved profits by over 30 per cent.

Where Deutsche Bank goes other German banks tend to follow: the question troubling analysts and investors is if the Deutsche Bank slowdown is a leading indicator for the German banking sector.

On the face of it, the results show that Germany's banks are still capable of generating robust, double-digit growth in profits.

The sector's prosperity is linked to developments in east-

ern Germany. Germany's banks have prospered as a result of strong credit demand from west German companies wanting to invest in eastern Germany.

It is this credit demand - calculated to be an annualised 11 per cent in March to June and at more than 12 per cent in the first quarter of the year - which has helped stimulate the growth in money supply which in turn prompted the Bundesbank to increase interest rates to ever higher levels, most recently the 0.75 per cent increase in the discount rate last month.

Despite the interest rate rises - which in theory should discourage further borrowing - the demand for loans has remained strong. Much to the annoyance of the Bundesbank, lending to finance projects in the east is "interest rate insensitive". A multitude of government and other incentives make it attractive to borrow money to finance new projects, even though interest rates are at historically high levels.

Coupled to strong loan demand, banks' first-half profits climbed because of the

total grew by 5.6 per cent to DM239bn, reflecting what it termed lively credit demand in normal banking and mortgage business.

An important factor was the growth of its activities in eastern Germany, where it has 53 branches and granted credits of DM5.4bn.

Parent bank earnings on interest rose by 14.8 per cent to DM1.09bn compared with half the figure for the whole of 1991, while fee income climbed 7.5 per cent to DM253.5m.

recovery in German stock and bond markets in the first part of the year, which boosted fee-income and the result from own-account trading.

The banks' profits also benefited from the relative weakness of Japanese, US and British competitors, which because of domestic problems were not able to pursue and win high-quality international business as effectively as the German banks.

Deutsche Bank's woes should not be overestimated: the drop in profits was from record levels and its interest rate margin, though down, is higher than other banks. Deutsche's operating profits are about as the results from the next three biggest banks combined.

It attributed the drop in profits to the general deterioration of the German economy and the rest of the world. Specifically, it blamed higher costs of financing customer deposits and a growing role in lower margin interbank lending.

More generally, it seems likely the bank's size ensures it is the first to feel the effects of a slowdown - and equally likely that other German banks will in turn follow suit.

Over the past year, bank shares have underperformed the DAX 30 index of top German companies by more than 7 per cent, despite the profits increase. This underperformance reflects investors' worries about the impact of interest rates on the banking business which have, in the event, proved unfounded.

Kirin turns in 13% fall at halfway

By Gordon Cramb in Tokyo

KIRIN BREWERY, Japan's biggest beer producer, yesterday reported a 13.1 per cent fall in interim pre-tax profits to Y32.1bn (\$252m). It blamed increased depreciation costs after expanding capacity in recent years, and lower interest income.

The earnings decline for the six months to June came in spite of a 5.2 per cent rise in sales to Y609.8bn. Beer sales volumes, for domestic consumption and export, rose 4.1 per cent, showing higher growth than the industry average.

Kirin, which accounts for about half the Japanese beer market, has been battling to

SUMITOMO Rubber, Japan's third-largest tyre maker and parent of Dunlop in Europe and the US, lifted pre-tax profits 2.8 per cent to Y4.8bn (\$38m) in the first half to June, writes Gordon Cramb.

Parent company revenues were 2.3 per cent ahead at Y123.4bn. Although falling sales of new cars in Japan left demand for its tyres unchanged, sales of its golf

maintain its share in the face of slowing growth in demand. Marketing costs among the three main brewers have been rising as a result.

The company is also cutting shipping costs by licensing pro-

duction overseas. It linked up last month with Bedford-based Charles Wells to brew Kirin lager for the UK market and export to the rest of Europe. It has a similar arrangement with Molson of Canada.

and tennis goods improved by 3.1 per cent.

Non-tyre sales - which also include marine equipment and office machinery - accounted for a record 37.7 per cent of its overall business.

Profit growth is forecast to be more sluggish for the full year, up 0.5 per cent before tax at Y11.6bn on a 4.2 per cent rise in sales to Y265bn.

Along with Asahi and Sapporo, its rivals, Kirin expects 1992 pre-tax profits to fall. It forecast a 5.1 per cent decline for the full year to Y28bn, on sales up 4.9 per cent to Y1.380bn.

Net income is, however, expected to edge higher at Y35.15 a share, compared with Y34.90. The company is holding to a planned rise in its total payout to Y10 a share, from Y9.

Kirin is increasing its capital spending budget this year to Y85bn, from an originally-planned Y79bn.

Suntory, Japan's largest whisky distiller and one of the country's biggest private companies, managed a 6.6 per cent rise in pre-tax profits to Y5.3bn for the half-year.

GLOBAL RENEWAL PROMOTES GROWTH
RECORD NET INCOME AND EARNINGS PER SHARE IN FISCAL 1992

Fiscal 1992 was a year of renewal for Heinz brands and management throughout the world, and it has positioned the company competitively for the 1990s. We have invested more than \$600 million to streamline our affiliates and factories, to restructure our operations, to develop new products and to increase the market shares of core brands. At the same time, we made the largest acquisition in our history, JLFoods, and promoted a new generation of managers at both World Headquarters and affiliate levels. This broad strategy enabled us to surmount turbulent market conditions and to make an important investment in our long-term future, both of which greatly benefit Heinz shareholders.



ANTHONY J.F. O'REILLY
Chairman, President and
Chief Executive Officer

SALES	\$6.58 BILLION
PRE-TAX PROFITS	\$384 MILLION
AFTER-TAX PROFITS	\$338 MILLION
NET EARNINGS	UP 12.4%
EARNINGS PER SHARE	UP 12.7%
RETURN OF 796.5% TO SHAREHOLDERS OVER TEN YEARS WHICH IS EQUIVALENT TO A 24.4% ANNUAL COMPOUNDED RETURN.	

for our excellent growth prospects may be summarised under five headings: First, an improved portfolio of businesses, as discussed above; second, continuous cost improvement; third, product innovation and the renewal of leading brands; fourth, geographic expansion; and fifth, promotion of a new generation of managers.

Cost, like quality, requires total and continuous management attention in any company. We established three special task forces - independent of our normal management structures - in the areas of procurement, overhead costs and restructuring, and marketing efficiency. Through their efforts we are replacing a traditionally decentralised purchasing system with a centralized negotiation strategy. We

We did this while achieving record net income and earnings per share. Net income was \$638,295,000, a 12.4% increase. Net income per share increased 12.7% from \$2.13 to \$2.40. To reach the dual goals of global renewal and record annual earnings, we successfully used the sale of The Hubinger Company in June 1991 for a pre-tax gain of approximately \$221 million. Hubinger, acquired in 1975 was therefore an excellent investment. And, its replacement by JLFoods took the company out of a commodity business and into the value-added foodservice market, one of the fastest growing segments in the industry. JLFoods affiliates, with annual sales of nearly \$500 million, have been skillfully integrated into three of our major companies: Chef Francisco into Heinz U.S.A., Delicious Foods and Oregon Farms into Ore-Ida, and Onstead into Heinz-Canada.

At a time when shareholders are increasingly concerned about the safety and earnings power of their investments, Heinz remains a company that can achieve consistent growth for the 1990s. The reasons

now are dealing with our suppliers on a global basis. I should also mention that our restructuring has greatly increased productivity and competitiveness. Heinz now boasts four of the most modern food factories anywhere, with the latest technology and the highest quality. These are our revitalized Pittsburgh plant; the world's largest pet food facility at Bloomsburg, Penn-sylvania; Home U.K.'s Kitt Green Eurofactory; and our baby food operation at Latina, Italy. We have invested nearly \$500 million in these plants in recent years.

Through these activities and the reinvigoration of our core brands, Heinz has crafted a formula for enhanced competitiveness and quality driven growth in global markets.

ANTHONY J.F. O'REILLY

The above is extracted from the statement to shareholders of H J Heinz Company by the Chairman, President and Chief Executive Officer, Dr. A J F O'Reilly, for the year to 29th April 1992. The contents of this advertisement for which the Directors of H J Heinz Company accept responsibility has been approved for the purposes of Section 77 of the Financial Services Act 1986 by Cooper & Lybrand, a firm authorised by the Institute of Chartered Accountants in England and Wales to carry on investment business. It must be stressed that the value of shares can fall as well as rise and that the past is not necessarily a guide to the future.

Phoenix Mutual Mortgage
Funding Corporation100% Floating Rate Bonds due September 12, 1996
CUSIP Number 719292ABR

NOTICE OF REDEMPTION is hereby given that, on September 12, 1992, pursuant to the provisions of the Indenture dated as of September 1, 1991 between Phoenix Mutual Mortgage Funding Corporation (the "Issuer") and The Chase Manhattan Bank, N.A. (the "Trustee"), the Issuer has elected to redeem in whole the 100% Floating Rate Bonds due September 12, 1996 (the "Bonds") at the redemption price of 100% of the principal amount of the Bonds plus accrued interest to the date of redemption. The redemption price of the Bonds will be determined by the Trustee in accordance with the provisions of the Indenture. The redemption price of the Bonds will be determined by the Trustee in accordance with the provisions of the Indenture. The redemption price of the Bonds will be determined by the Trustee in accordance with the provisions of the Indenture.

The Issuer has elected to redeem the Bonds at the redemption price of 100% of the principal amount of the Bonds plus accrued interest to the date of redemption. The redemption price of the Bonds will be determined by the Trustee in accordance with the provisions of the Indenture. The redemption price of the Bonds will be determined by the Trustee in accordance with the provisions of the Indenture. The redemption price of the Bonds will be determined by the Trustee in accordance with the provisions of the Indenture.

Payment of principal on the Bonds will be made by the Issuer to the Trustee, who will then distribute the principal to the Bondholders. The Issuer has elected to redeem the Bonds at the redemption price of 100% of the principal amount of the Bonds plus accrued interest to the date of redemption.

Phoenix Mutual Mortgage Funding Corporation is a subsidiary of Phoenix Mutual Life Insurance Company, a member of the Phoenix Mutual Group. The Issuer has elected to redeem the Bonds at the redemption price of 100% of the principal amount of the Bonds plus accrued interest to the date of redemption.

Notwithstanding to the contrary of the foregoing, the Issuer has elected to redeem the Bonds at the redemption price of 100% of the principal amount of the Bonds plus accrued interest to the date of redemption.

No representation is made as to the correctness of the CUSIP Number as printed on the Bonds or as contained in this Notice of Redemption.

AS \$25,000,000

Merrill Lynch & Co., Inc.

Inflation Indexed Notes Due 1996

In accordance with the provisions of the Notes, notice is hereby given, that for the Interest Period from August 16, 1991 to August 16, 1992 the Notes will carry an Interest Rate of 8.2% per annum. The interest amount payable on the relevant interest payment date, August 17, 1992 will be \$892.00 for each Note of \$100,000 denomination, \$892.00 for each Note of \$100,000 denomination and \$89.20 for each Note of \$10,000 denomination.

The Chase Manhattan Bank, N.A.
London, Fiscal Agent
August 7, 1992

NOTICE TO HOLDERS OF EUROPEAN DEPOSITARY RECEIPTS IN SHARP CORPORATION

EDR holders are informed of a dividend to holders of record date March 31, 1992. The cash dividend payable is Yen 5.5 per common stock of Yen 50.00 per share. EDR holders may now present Coupon No. 47 for payment to the undersigned agent.

Dividend Payable less 10% Japanese withholding tax \$35.40
EDR Denomination 1,000 shares \$44.35
Depository: Citibank, N.A., 300 Street, London, WC2R 1HS
August 7, 1992

NOTICE TO HOLDERS OF EUROPEAN DEPOSITARY RECEIPTS IN KOMATSU LTD.

EDR holders are informed of a dividend to holders of record date March 31, 1992. The cash dividend payable is Yen 5.5 per common stock of Yen 50.00 per share. EDR holders may now present Coupon No. 47 for payment to the undersigned agent.

Dividend Payable less 10% Japanese withholding tax \$35.40
EDR Denomination 1,000 shares \$44.35
Depository: Citibank, N.A., 300 Street, London, WC2R 1HS
August 7, 1992

Notice of Redemption

KOREA FIRST BANK

US \$20,000,000

Floating Rate Notes due 1996

Notice is hereby given that in accordance with Clause 6(A) of the Fiscal Agency Agreement that Korea First Bank has elected to redeem all outstanding "Notes" at par on the next interest payment date being the 14th September, 1992. Interest after the 14th September, 1992 (the Redemption Date) will cease to accrue on the above mentioned "Notes".

Repayment of Principal will be made upon presentation and surrender of the "Notes" with all unmaturing Coupons attached, at the offices of any of the Paying Agents mentioned therein.

Accrued interest due on 14th September, 1992 will be paid in the normal manner against presentation of Coupon #13.

KOREA FIRST BANK

By: LTCB Trust Company, New York, U.S.A.

as Fiscal Agent

Dated: 7th August, 1992

U.S. \$250,000,000



Crédit Lyonnais

Subordinated Floating
Rate Notes Due August 1997

Interest Rate 5% per annum
Interest Period 7th August 1992
9th November 1992
Interest Amount per U.S. \$100,000 Note due 9th November 1992 U.S. \$130.56

Credit Suisse First Boston Limited
Agent

NOTICE TO HOLDERS OF EUROPEAN DEPOSITARY RECEIPTS IN NIPPON FIRE & MARINE INSURANCE CO. LTD.

EDR holders are informed of a dividend to holders of record date March 31, 1992. The cash dividend payable is Yen 5.5 per common stock of Yen 50.00 per share. EDR holders may now present Coupon No. 16 for payment to the undersigned agent.

Dividend Payable less 10% Japanese withholding tax \$43.60
EDR Denomination 1,000 shares \$50.48
Depository: Citibank, N.A., 300 Street, London, WC2R 1HS
August 7, 1992

NOTICE TO HOLDERS OF EUROPEAN DEPOSITARY RECEIPTS IN NIPPON SHIPMAN CO. LTD.

EDR holders are informed of a dividend to holders of record date March 31, 1992. The cash dividend payable is Yen 5.5 per common stock of Yen 50.00 per share. EDR holders may now present Coupon No. 20 for payment to the undersigned agent.

Dividend Payable less 10% Japanese withholding tax \$43.60
EDR Denomination 1,000 shares \$50.48
Depository: Citibank, N.A., 300 Street, London, WC2R 1HS
August 7, 1992

Uses its session the poor results

total grew by 5.6 per cent in 1991, reflecting what is termed lively credit demand in normal banking and mortgage business.

An important factor was the growth of its activities in eastern Germany, where it has 20 branches and granted credits of DM5.4bn.

Parent bank earnings on interest rose by 14.8 per cent to DM1.09bn compared with half the figure for the whole of 1991, while fee income climbed 7.5 per cent to DM253.5m.

recovery in German stock and bond markets in the first part of the year, which boosted income and the result from own-account trading.

The banks' profits also benefited from the relative weakness of Japanese, US and British competitors, which became domestic problems were not able to pursue and win high-quality international business as effectively as the German banks.

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More generally, it seems likely the bank's size ensures it is the first to feel the effects of a slowdown - and equally likely that other German banks will turn to follow suit.

Over the past year, bank shares have underperformed the DAX 20 index of top German companies by more than 10 per cent, despite the profits increase. This under-performance reflects investors' worries about the impact of interest rates on the banking business which have, in the event, proved unfounded.

Redemption

FIRST BANK

20,000,000
Notes due 1996

At the end of the period covered by this prospectus, the bank has not received any subscription orders for the notes. The bank is not aware of any reasons for this.

will be made up of the bank's own funds and the bank is not aware of any reasons for this.

High subscription orders will be paid in accordance with the bank's policy.

FIRST BANK

impact New York, USA
and Japan

20 August 1992

250,000,000

Lyonnais

ated Floating
Due August 1997

5% coupon

7th August 1992

9th August 1992

US \$100M

First Boston Limited

ANN

EUROPEAN DEPOSITARY RECEIPTS

EUROPEAN DEPOSITARY RECEIPTS

EUROPEAN DEPOSITARY RECEIPTS

EUROPEAN DEPOSITARY RECEIPTS

EUROPEAN DEPOSITARY RECEIPTS

Nordic markets jittery on Finnish rate decision

By Sara Webb in London and Patrick Harverson in New York

THE Bank of Finland's decision to raise its key tender rate from Monday left Nordic government bond markets in a jittery state and pushed up bond yields.

The Bank will raise the tender rate to 16.0 per cent from 14.5 per cent, in an effort to stem the outflow of capital from the country. The prime minister announced a package of economic measures yesterday evening aimed at restoring confidence in the Finnish financial markets.

GOVERNMENT BONDS

The Bank will raise the tender rate to 16.0 per cent from 14.5 per cent, in an effort to stem the outflow of capital from the country. The prime minister announced a package of economic measures yesterday evening aimed at restoring confidence in the Finnish financial markets.

Yields on Finnish government bonds have risen recently, with the 11 per cent bond due 1999 now yielding 12.7 per cent, against 12.3 per cent last Friday.

The Swedish government bond market responded to the sudden rise in Finnish short-term interest rates, with government bond yields increasing initially. However, yields later fell, and the bond due 2003 ended the day with an unchanged yield of 10.06 per cent. Dealers said the Swedish market had been helped by some positive news in the form

of a well-received Treasury bill auction.

DESPITE a bigger-than-expected rise in weekly jobless claims, US Treasury prices fell yesterday as dealers adjusted their positions ahead of today's July employment report.

By midday, the benchmark 30-year government bond was down 1/4 at 106 1/4, to yield 7.465 per cent. The two-year note was also weaker at the halfway mark, down 1/4 at 98 1/4 yielding 4.368 per cent.

Normally, Treasury bond prices would have responded favourably to news from the Labor department, that the number of people claiming state unemployment insurance fell by 69,000 in the week ending July 26 - the largest rise in weekly claims since 1992.

Analysts, however, pointed out that the big increase in claims was almost entirely the result of the company-wide shutdown of General Motors during the last two weeks of July and other layoffs in the car industry.

FRENCH government bond prices closed higher across the yield curve, helped by the combination of Wednesday's option poll in France on the Maastricht Treaty and a general sense of relief that the Bundesbank had decided to leave interest rates unchanged at

BENCHMARK GOVERNMENT BONDS

	Coupon	Red Date	Price	Change	Yield	Week Ago	Month Ago
AUSTRIA	10.000	10/02	111.7249	-0.075	8.27	8.33	8.67
BELGIUM	8.000	08/01	96.7000	+0.150	9.05	9.01	8.75
CANADA	8.500	04/02	107.2000	-0.400	7.44	7.46	7.84
DENMARK	5.000	11/00	97.4200	+0.270	8.45	8.46	8.99
FRANCE	8.500	03/97	96.7883	+0.213	9.36	9.33	8.94
FRANCE	8.500	11/02	96.8100	+0.280	8.97	8.91	8.71
GERMANY	8.000	03/97	97.5750	+0.050	8.13	8.15	7.95
ITALY	12.500	03/02	94.3750	-0.375	13.49	14.14	13.36
JAPAN	No 110	04/00	98.4200	-0.301	5.11	4.96	5.41
JAPAN	No 129	04/00	107.6375	-0.479	5.01	4.84	5.18
NETHERLANDS	8.000	03/02	96.8703	+0.130	8.41	8.41	8.27
SPAIN	11.300	11/02	94.8850	-0.715	12.21	12.44	11.65
UK GILT	10.000	11/98	101.49	-0.322	9.61	9.61	9.29
UK GILT	9.750	08/00	102.37	+0.342	9.08	9.21	9.02
UK GILT	8.000	10/00	99.10	-0.312	9.00	9.00	8.83
US TREASURY	7.500	03/02	106.47	-0.572	6.82	6.88	6.87
US TREASURY	8.000	11/01	105.16	-1.122	7.45	7.47	7.61
ECU (French Govt)	8.500	03/02	94.1100	+0.460	9.45	9.59	8.86

London closing, New York morning session
7 Gross annual yield (including withholding tax at 12.5 per cent payable by non-residents)
Prices US, UK in 32nds, others in decimal

STERLING weakness and funding concerns continue to hold the UK government bond market in check, and gilt prices ended the day either little changed or only slightly higher.

The Liffe futures contract opened at 96.24 and traded up to 96.29 by late afternoon. Dealers said the gilt market was waiting for the Bank of England to make an announcement about its next action - possibly as early as today.

THE Japanese government bond market closed lower with the benchmark No 129 underperforming the rest of the market.

The No 129 is due to relinquish its position as the benchmark bond issue soon, with the No 145 seen as the likely successor. The four tranches of the No 145 became fully fungible in September.

The yield on the No 129 opened at 4.945 per cent, corresponding to the high price of the day, and closed at 5.03 per cent. In the futures market, the September contract opened at 104.95, reached a high of 104.97, and closed at 104.65.

NEWS that the Bundesbank had decided to leave its key interest rates unchanged following the central bank's council meeting yesterday helped to nudge up German government bond prices.

The bund market had been worried that the Bundesbank would raise the Lombard rate, following the rise in the discount rate from 8.0 per cent to 8.75 per cent on July 16.

The Liffe bund futures contract moved up to 87.07 by late afternoon against the previous day's close of 86.95.

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Executive to step down at leading Danish bank

By Hilary Barnes in Copenhagen

MR Steen Rasborg, chief executive of Unidanmark, Denmark's second-largest bank group, is to resign and the bank will bring in an outsider to take over his job.

The move, announced by the board yesterday, came two weeks before the bank's half-year interim report is due, on August 18. The report will show a pre-tax loss of DKr1.5bn (\$267m), reflecting loan loss provisions of DKr2.5bn and unrealised losses on the value of securities of DKr400m.

The result for the full year is expected to be a slightly larger loss than last year's DKr1.7bn, depending on how securities markets perform over the next few months.

Mr Hugo Schröder, supervisory board chairman, said the change at the top was necessary to restore "unconditional confidence" in the bank.

The bank reported losses of DKr1.6bn in 1991 and DKr1.66bn in 1992, but this was not the core of the problem, said Mr Schröder.

"On the last five occasions that the bank has published a report it has predicted an improvement in results, which has given us a bit of a credibility problem," he added.

Mr Rasborg has presided over the bank since its was formed in 1990 from a merger of three banks, Privatbanken, SDB, the savings bank, and Andelsbanken. Mr Rasborg was formerly chief executive at Privatbanken.

Since the merger the bank has been dogged by large loan loss provisions, which increased from DKr2.66bn in 1990 to DKr4.21bn last year. Privatbanken had a reputation as a bank prepared to accept high-risk business, but Unidanmark has consistently denied the old Privatbanken portfolio was responsible for a disproportionate share of the bank's losses.

Mr Lars Eskesen, Mr Rasborg's co-director, will take over as acting chief executive until a new appointment is made.

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Nippon Credit wins Daiwa backing to reshape affiliate

By Emiko Terazono in Tokyo

NIPPON Credit Bank, one of Japan's three long-term credit banks, has won support from Daiwa Bank for its plan to restructure one of its leasing affiliates, heavily burdened with doubtful property loans.

Daiwa, a leading commercial bank, has agreed to reduce the interest rate on loans extended to Crown Leasing, one of Nippon Credit's three financial subsidiaries. Nippon Credit has been seeking financial assistance from the creditors of its three affiliates and Daiwa's move could draw positive responses from other banks, which have so far rejected the plans.

The move will be the first case where a non-parent bank has agreed to support a non-bank financial company. "We still feel that Nippon Credit Bank should take full responsibility, but we also felt that by restructuring the problem would only get worse," said Daiwa.

Daiwa has ¥70bn (\$549.8m) in loans outstanding to Crown Leasing, and said it would reduce the interest rate to 2 per cent from 7 per cent. Daiwa said its interest income on the loans would therefore fall by ¥3.5bn.

While Nippon Credit claims that outstanding bad loans at its three financial subsidiaries total ¥350bn, the figure circulating in Tokyo is as high as ¥1,000bn.

Jitters over mounting bad loans at Nippon Credit and its affiliates have caused volatility in Nippon Credit's shares. On the Tokyo stock market yesterday, its shares fell by ¥1,000 to ¥4,800.

The yields on Nippon Credit's five-year debenture have risen compared with debentures issued by the other two long-term credit banks: Industrial Bank of Japan and Long Term Credit Bank. While until now, their five-year bonds were seen as identical investments, bond traders say investors have started to differentiate the credit value of the three banks.

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COMPANY NEWS: UK

BOC advance to £251m lifts share price by 17p

By Paul Abrahams

BOC, the industrial gases and healthcare group, yesterday demonstrated its resilience by revealing a 10 per cent rise in pre-tax profits for the nine months to June 30 from £229m to £251m.

Although the results were below expectations, which had ranged as high as £257m, BOC's shares rose 17p to 601p. Earnings per share rose 8 per cent from 30.49p to 33.06p.

Mr Ian Clubb, finance director, warned that there was no clear indication of any improvement in economic conditions in its main world markets.

He said the group would continue to reduce costs and improve operating efficiencies. Turnover increased from £2,070m to £2,150m.

Gases and related products lifted operating profits from £207.5m to £217.4m. Requirements for compressed gases,

used mainly in welding and cutting, remained poor. However, demand for liquid gases continued to grow, except in the US where the market was flat and in Japan where it was much lower, said Mr Clubb. Cost control measures had ensured that margins for those operations were up slightly at 14.5 per cent.

The healthcare businesses' increased contribution of £76.5m (£68.3m) was, said Mr Clubb, aided by an improved performance at Glasrock, the home healthcare operation. Negotiations are under way to sell Glasrock to Homedco Group, a California-based company, for \$72m (£37.6m).

Mr Clubb admitted that third quarter results for the healthcare businesses had been below those of last year. He blamed poor demand for health devices and the weakness of the dollar.

Most healthcare operations' sales were in the US. In addition,

the group was spending about £8m a year on development costs at Delta Biotechnology, which the group acquired last November from Bass, the brewing company.

Mr Clubb said BOC continued to enjoy very strong cash flow. Gearing had fallen from 32 per cent to 30 per cent.

Some of the group's debt has been transferred into dollars, which has depreciated against sterling, while also benefiting from lower interest rates. Mr Clubb pointed out that the interest rate differential between the dollar and sterling was 7 per cent.

Overall debt had fallen by £100m since the start of the financial year, of which £40m had been thanks to tightening of working capital, he said.

He warned that if present currency rates persisted, they would have an adverse impact on the translation of overseas results for the year.

See Lex



Ian Clubb: group will continue to reduce costs

Holders take up 43% of BET rights

By Richard Gourlay

SHAREHOLDERS subscribed to only 43 per cent of the shares in the £200m rights issue launched by BET to restore some order to the business service group's balance sheet.

Underwriters were not, however, altogether unhappy with the 106m shares they were left holding.

Barclays de Zotte Wedd, the brokers, offered to buy the stock at 107.5p, some 2.5p below the rights price of 110p and enough for the underwriters to break even on the deal after their underwriting commission.

Only 20m of the 106m shares were in fact offered for sale, leaving the bulk in the hands of sub-underwriters happy to hold their stake, the company said.

BET's rights issue was widely recognised as a necessary step towards restoring some stability to a balance sheet bloated by debt and auction market preferred stocks to fund a late 1980s acquisition binge.

But as the stock market fell in the run-up to the closing date of the offer, BET's share price fell, removing the rights issue discount and raising the prospect of a substantial and damaging flop.

In the event, a 43 per cent subscription level appears to border on a successful issue. Shareholders who are daily being unmoved by the state of the markets were wary of taking up their rights when experience of recent new issues suggested they would be left with shares as sub-underwriters.

Yesterday BET closed at the rights price of 110p.

40.3% accept Burnfield issue

Burnfield has received acceptances as to 40.3 per cent of its rights issue of 14.7m new ordinary shares at 165p each. The balance will be subscribed at the same price by the underwriters.

Kleinwort Benson meets expectations with fall to £21.3m

By David Barchard

KLEINWORT Benson Group, the City merchant bank, made pre-tax profits of £21.3m in the six months to June 30, down from £24.7m in the first half of last year.

Provisions for liabilities and charges were £21m against £22m at the end of last year. Specific banking provisions for the period were £15m compared to £29m in the same period a year ago. Net banking provisions were £2m, down from £19m.

The provisions include £5.3m against a future fall in the costs of office space which will have to be let at a lower rent.

The group balance sheet has grown to £9.99bn, up from £9.85bn at the end of last year. Share capital is unchanged at £22m.

Mr David Peake, chairman, said that the results represented a substantial improvement in the performance of the banking division, and that the bank was pleased with the lower level of provisioning, and

City stockbroker analysts said that the result was in line with expectations.

"They are a reasonably steady set of results compared to some that Kleinwort has produced in the last few years," one analyst said.

Kleinwort's loan book has fallen from £3.1bn at the end of last year to £2.5bn. The bank says the reduction has come entirely in corporate lending.

Corporate finance, equities, and investment management were all unfavourably affected by poor market conditions.

Merchant banking made a pre-tax profit of £18m, down from £23.4m a year ago, while investment and private banking made £10.6m (£13.4m).

Equities were said to have made a reasonable return on capital, but to have been below last year's levels.

There was a retained profit of £7.2m, against £9.2m last time, and earnings per share slipped from 12.96p to 10.51p. The interim dividend is unchanged at 5.3p.

Sutcliffe Speakman reduces loss

SUTCLIFFE Speakman, which has restructured to focus on the core carbon and environmental design equipment business, cut its loss to £800,000 in the second half.

That resulted in a deficit of £2.1m for the year to end-March against £1.4m the year before. Losses per share were 1.7p (62.6p). Arrears of dividend on the preference capital totalled £266,000.

By the year-end shareholders' funds had been turned round from a negative £3.22m to a positive £10m, with net current assets at £2.34m against liabilities of £11.8m.

In the past year turnover from continuing activities was £30.7m (£36.5m) and from discontinued operations £851,000 (£12.5m), with operating losses of £737,000 (£6.9m) and £150,000 (profit £299,000) respectively.

In the second half the continuing businesses cut losses to £45,000.

Simon Engineering to refocus

By Angus Foster

SIMON Engineering, touted since 1980 as an environmental play, has decided to sell most of its environmental division and will concentrate on other core businesses.

Simon is in discussions with two overseas companies about the sale of its waste water treatment and environmental consultancy businesses, which had turnover of about £90m last year.

Mr Brian Kemp, chief executive, said the businesses had been disappointing, despite their longer-term prospects. "We've seen a slowdown in environmental legislation and people have deferred expenditure," he said.

Since 1990, when it had a rights issue, Simon has spent about £25m building up the division. The company hopes to raise at least £40m from the sale, Mr Kemp said.

Simon announced yesterday that interim profits had fallen sharply because of the continued recession and a higher interest charge following last

year's £52m purchase of Robertson Group, the geological consultant.

Pre-tax profits dropped from £10.4m to £5.05m in the six months to June 30, and Mr Kemp said he was "cautious" about the full year. Turnover increased to £235.4m (£218.1m) helped by acquisitions.

Pre-tax profits from access equipment fell to £2.3m (£4m) but improved from last year's very weak second half.

Orders in the US have shown a slight improvement. Mr Kemp said.

Industrial services, which includes Robertson, slipped to £5.5m (£8.3m) because of a poor first quarter from US chemicals.

Interest charges increased to £2.88m (£2m) and gearing rose to 40 per cent, with net borrowings of £51m, compared with 29 per cent at the year end.

Earnings dropped to 3.8p (8.3p). But the dividend is unchanged, and uncovered, at 5p.

Simon's shares, which fell sharply last month, recovered 4p to 165p.

Simon in \$15m access expansion

By Andrew Baxter

SIMON Engineering, the world's largest access equipment company, is paying up to \$15m (£7.8m) for Hi-Ranger line of truck-mounted hydraulic platforms from Utility Equipment Corporation, the private US group.

The deal continues the process of consolidation in the £1.2bn world access equipment industry, in which Simon has played a key part with a string of acquisitions during the past 15 years.

The consideration involves an initial \$2.5m cash payment, an additional \$2.5m over the next five years, and further sales-related payments up to a maximum of \$10m.

The complex deal has taken three years to negotiate, and excludes Hi-Ranger's US manufacturing plant, its production of about 600 machines a year, for turnover of \$20m, will be switched to existing Simon plants in the US.

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The deal continues the process of consolidation in the £1.2bn world access equipment industry, in which Simon has played a key part with a string of acquisitions during the past 15 years.

The consideration involves an initial \$2.5m cash payment, an additional \$2.5m over the next five years, and further sales-related payments up to a maximum of \$10m.

The complex deal has taken three years to negotiate, and excludes Hi-Ranger's US manufacturing plant, its production of about 600 machines a year, for turnover of \$20m, will be switched to existing Simon plants in the US.

BP and Italians reveal details of styrene venture

By Haig Simonian in Rome

BP CHEMICALS and Enichem, the Italian state-owned chemicals group, yesterday fleshed out details of their broad strategic alliance announced in May with a memorandum of understanding to set up a joint venture in styrenes.

Styrenes and polystyrenes were the two chemical products identified by the companies as suitable for possible synergies through collaboration at the time of their original agreement.

Under a new company, Styrenics Joint Venture, they will pool their activities in styrene monomer, polystyrene, expandable polystyrene and styrene acrylonitrile resins. Annual sales of £1,000m (£67.94m) are expected.

Formation of the concern - subject to approval from the European Commission - will

create a producer with annual capacity of about 700,000 tonnes of styrene monomers and a similar amount of styrene polymers.

It will rank equally with BASF of Germany as Europe's biggest styrene group and among the world's top five producers, and should be formed by early next year.

The interim period will probably be taken up assessing the value of the businesses being contributed by the two partners. Although Enichem's output is much higher, it is not expected to be the bigger shareholder in Styrenics. A company official said final ownership levels had still to be decided, but would be "balanced" between the two.

Enichem makes about 520,000 tonnes of styrene polymers, against BP Chemicals' 170,000, while its output of styrene monomers is about double that of the UK group.

The deal reflects the strategy of Enichem, which lost £742m after minority interests last year, to pick partners in a variety of product areas in order to raise market share and cut costs.

BOARD MEETINGS

The following companies have notified dates of board meetings in the Stock Exchange. Such meetings are usually held for the purpose of considering dividends. Official indications are not available as to whether the dividends are interim or final and the sub-divisions shown below are based mainly on last year's financials.

TODAY	
Interim: Anglo American Int. Corp.	Farway, Plateau Mining, SAG, SECT, Wholesale Filings.
FUTURE DATES	
Interim:	
Arco, Fisheries	Aug. 13
Scotstave	Aug. 13
OT Chile Growth Fund	Aug. 19
Lincoln	Aug. 20
McAlpine (Allied)	Aug. 20
Tullow Oil	Aug. 20
Vodafone	Aug. 12
Reita	Aug. 11
Armitage Bros	Aug. 11
Asic (BSR)	Aug. 11
Goodwood	Aug. 11
Joe Higgs	Aug. 19
Polysar	Aug. 19
US Smelter Companies	Aug. 17

Manweb's canteen meeting cuts costs

By Ian Hamilton Fazez, Northern Correspondent

MANWEB, the electricity supply company serving Merseyside, west Cheshire and north Wales, yesterday cut the costs of its annual meeting by holding it in the staff canteen at its headquarters in Chester.

The £250,000 bill is a 37.5 per cent saving on the £400,000 for last year's event, held in a large marquee on Chester racecourse. Displaced staff were provided with "air-line" meals to eat at their desks.

And there should be further economies, as Mr Bryan Weston, chairman, explained to complaining shareholders. An £85,000 tailor-made, lean-to tent, clipped to the side of the building to provide a reception area, should be re-usable for about 10 years and could possibly be hired

out.

About 750 people attended last year, nevertheless the company was worried there might not be room for reporters, so decided not to invite any. This year it countered suggestions this was a bar on the press - following nagging questions last year on the chairman's salary - by letting in any who turned up, provided they agreed to sacrifice their seat to a shareholder if required.

With only 437 shareholders present, in a canteen which holds 1,000, this proved unnecessary.

The chairman and male directors demonstrated their "costs off" commitment by conducting the meeting in their shirts. Mr Weston, was soon challenged on his 37 per cent increase in pay and perks to £214,000 last year.

This was described as "obscene" and "a

crime" in the present economic climate but was vigorously defended by Mr Eryl Morris, a member of Courtaulds' main board, who is also a non-executive director of Manweb and chairman of its remuneration committee.

After a bilingual greeting of "Bora da and good morning" to emphasise Manweb's role in supplying most of the world's Welsh speakers with electricity, Mr Morris said earnings per share had risen by 71 per cent, so the directors had earned their bonuses.

Salary increases had enabled Manweb to recruit two new top-class executive directors, he added, but the rises had been a one-off adjustment. The directors were getting only 5.5 per cent, the same as the staff, this year.

He did not reveal whether they would be eating airline lunches yesterday.

NEWS DIGEST

Abbey improves to £1.5m

ABBEY, the Dublin-based housebuilding and plant hire group, achieved a significant improvement in pre-tax profits from £1,354,000 to £1,555,000 (£1.46m) in the year to April 30 and is resuming a dividend payment.

However, at the operating level profits fell to £215,000 (£157,000) and the pre-tax result was after interest received of £1,33m (£1.23m charged).

Abbey's housebuilding activity is based almost entirely in the south-east of England and the company said that, despite the continuing deterioration within the residential sector, Abbey Developments achieved an operating profit of £890,000 and completed 408 sales at an average price of £73,000 sterling.

The plant hire division was suffering one of the most difficult trading periods in recent years and M&J Engineers reported an operating loss of £370,000.

At present the group had a strong balance sheet and all

gearing.

Turnover declined to £424m (£459m). Earnings per share worked through at 2.7p (0.61p) and the proposed dividend is 1p.

TR City of London net asset growth

TR City of London Trust saw its net asset value rise from 110.5p to 112.8p per share over

the 12 months ended June 30 1992.

Gross revenue for the year improved from £15m to £15.7m, while earnings per share increased from 4.65p to 4.76p. The fourth quarterly dividend is 1.19p for a total of 4.76p, compared with 4.56p.

Since the year-end the trust has maintained liquidity and will be looking for buying opportunities ahead of "a likely decline in interest rates and a slow economic recovery in 1993".

AAF little changed at £2.26m

Pre-tax profits at AAF Industries increased slightly from £2.22m to £2.26m in the six months to June 30. Mr Jeffrey Lieberman, chairman, said it was a steady performance in a tough business environment.

The company, the ultimate holding company of which is FS Group of South Africa, has interests in wheel and modular buildings manufacture.

Turnover for the period was £35.3m (£31.1m). Earnings per share came out at 11.6p (11.4p). The interim dividend is 5p, compared with last time's 5p, which included a special payment of 0.5p.

Blacks Leisure acts to reassure investors

The directors of Blacks Leisure acted yesterday to reassure investors following the substantial fall in its share price earlier this week.

The shares have slid slowly from a peak of 130p last November. On Wednesday they

lost 12p to close at 41p. Yesterday, however, they recovered by 2p to 43p.

The directors said they believed Wednesday's decline had been caused by a sale of 100,000 shares at a price substantially below the market rate.

They added that although trading remained difficult, as indicated in the chairman's statement in May, strong core businesses, together with a strong balance sheet, positioned the company to take advantage of an eventual upturn.

It was too early to make a dividend forecast, but the directors were mindful of shareholders' income requirements.

Ladbroke calls off bets in Flanders

Ladbroke Group, the leisure concern, is closing 60 losing-making betting shops in Flanders. Turnover had been hit by last year's rise in local betting duty from 11 to 15 per cent.

The group will still have more than 700 betting shops in Belgium as a whole.

Assets decline at Anglo & Overseas

At June 30 1992, net asset value at Anglo & Overseas Trust came to 311.1p, compared with 328.2p a year earlier.

In the six months ended that date, gross revenue fell to £7.89m (£8.37m), leading to earnings per share of 3.29p (3.39p).

The interim dividend is unchanged at 1.7p.

Racal to publish Chubb details

Racal Electronics said it would publish on September 16 details of the proposed spin-off of its Chubb security business.

If approved by shareholders at an EGM, the spin-off would take place in October, making Chubb an independent company with a market capitalisation of about £500m-£600m.

DIVIDENDS ANNOUNCED

	Current	Date of	Corres-	Total	Total
	payment	payment	ponding	for	for
			dividend	last	year
AAF Industries	5p	Dec 4	5p	11p	11p
Abbey	1p	Nov 17	1p	0.1	0.1
A-Overseas Trust	1.7p	Oct 6	1.7p	0.45	0.45
Barchays	9.15p	Nov 7	9.15p	21.15	21.15
BSP	2.15p	Oct 19	2.15p	16.8	16.8
Kleinwort Benson	5.3p	Oct 30	5.3p	16	16
Robert	4.5p	Jan 4	4.5p	15.7	15.7
Simon Eng	5p	Aug 28	5p	4.76	4.76
TR City London	1.19p	Aug 28	1.19p	4.76	4.76

Dividends shown pence per share net except where otherwise stated. 10p increased capital. SUSM stock. Gross. Includes 0.5p special. Includes special 1p. Makes 4.3p (8.4p) to date. Irish pence.

10 hour period	purchase price (£/kWh)	purchase price (£/kWh)	total price (£/kWh)
0000	17.71	19.30	19.30
0100	17.71	17.80	17.80
0200	17.71	17.80	17.80
0300	17.71	17.80	17.80
0400	17.71	17.80	17.80
0500	17.71	17.80	17.80
0600	17.71	17.80	17.80
0700	17.71	17.80	17.80
0800	17.71	17.80	17.80
0900	17.71	17.80	17.80
1000	17.71	17.80	17.80
1100	17.71	17.80	17.80
1200	17.71	17.80	17.80
1300	17.71	17.80	17.80
1400	17.71	17.80	17.80
1500	17.71	17.80	17.80
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COMPANY NEWS: UK

Enthusiast set on avoiding pitfalls of runaway success

The launch of a new model has widened TVR's appeal. But its owner is not fazed, says John Griffiths

MR PETER Wheeler increased his output of cars by a quarter and quadrupled his profits last year in the depth of the UK car markets slump.

The £750,000 profit might just have covered the cost of developing a new door handle for a volume car maker. It was achieved on output of 800 cars and turnover of £14m, a sum which General Motors generates world-wide in an hour.

But it is not financial performance which is preoccupying Mr Wheeler, a former accountant who bought TVR, the Blackpool-based sports car maker, a decade ago.

TVR is suddenly being taken seriously by a wider world than the die-hard enthusiasts who have kept it in business — through several owners and sometimes precariously — since it first began making sports cars in 1964.

Mr Wheeler had already overseen the launch of several new models and a steady increase in output since he took over. Then came the 1990 UK motor show and the display of a prototype which, only weeks previously, had been simply a sketch on his cigarette packet.

The motoring press fell over itself to praise the car. The internationally-respected Car magazine compared its styling favourably with Ferrari. Called the Griffith, after a 1960s TVR two-seater, it has just gone into production and well-known owners already include Mr Creighton Brown, head of McLaren's road car project.

Mr Wheeler's problem is what to do about a lengthening order book, which leaves would-be owners with waits of up to a year.

This year TVR's 200 employees should be able to squeeze between 950 and 1,000 cars out

of its motley collection of buildings at Lytham St Annes, on the outskirts of Blackpool. But orders for the Griffith alone are approaching this level, and it is only part of a range of TVR cars.

Additional capacity would thus appear to be a safe investment, and fairly cheap because TVR tubular steel chassis are welded manually and bodies are moulded from glass reinforced plastic, avoiding the high cost of metal machine tooling.

But Mr Wheeler says the motor industry graveyard is overflowing with small sports car makers whose optimism overtook their judgment and he has no intention of joining them.

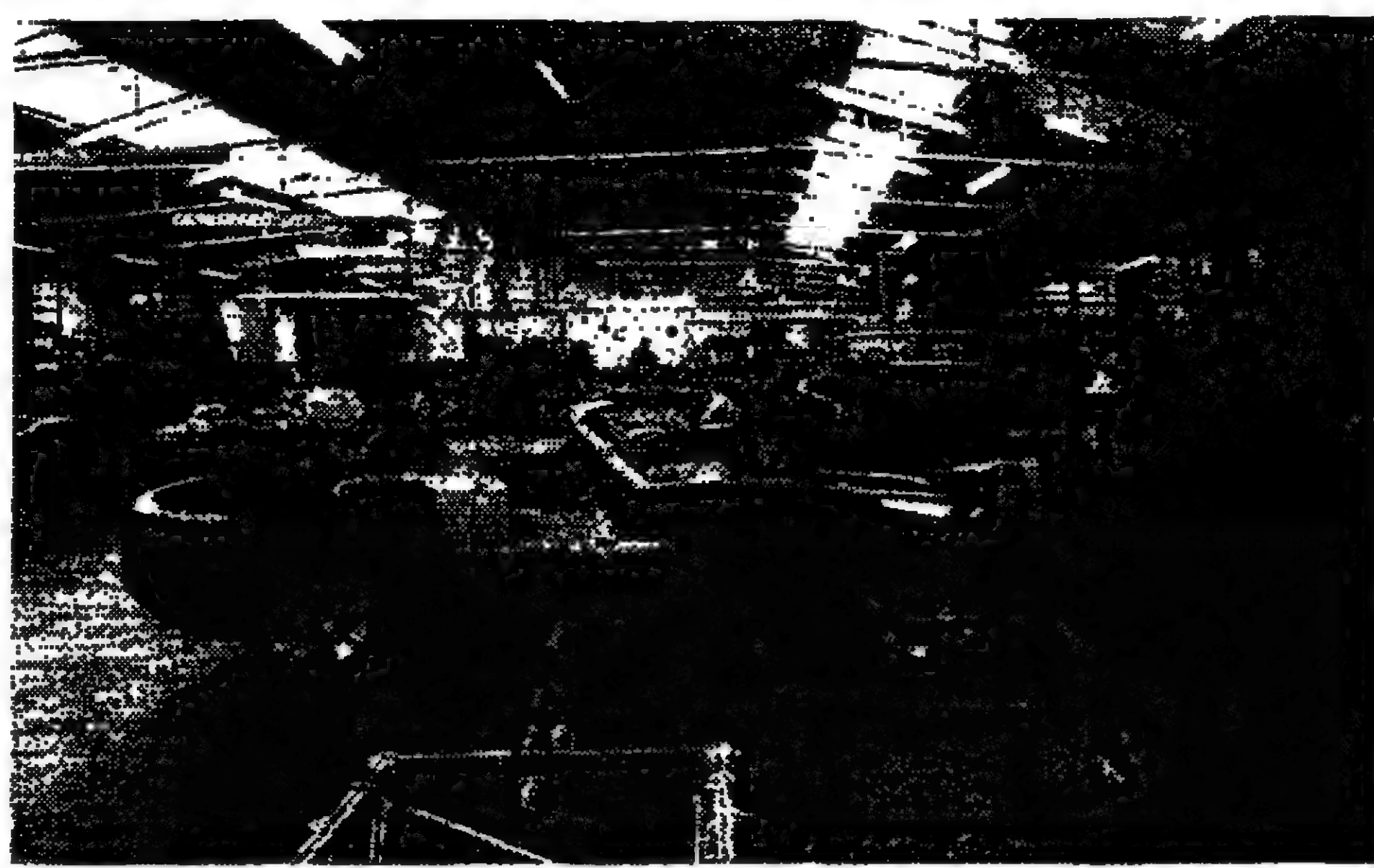
So he does not envisage TVR ever making the 2,000 a year some suggest as a target — times will certainly get worse again. Also, he points out, obtaining skilled labour is difficult in a region better known for tourism than industry.

By intensive training of very small groups of extra workers, Mr Wheeler thinks 1,500 annual output might eventually be feasible. But he professes another reason for caution.

"I've never made anyone redundant in my life. And I don't intend to start now. I'd put prices up rather than do that."

That might sound naive, but TVR does not follow normal "what the market will bear" pricing policies. "We cost the car, put a small margin on it, and then the dealer margin. We don't even look at other cars to fix the price; so the customer gets a cost-plus car."

The result, in the case of the Griffith, is a Porsche 944-sized two-seater with essentially a racing car chassis and performance similar to a Ferrari.



The Griffith, named after a 1960s TVR two-seater, has just gone into production

Its £28,000 price "is because we haven't spent any money persuading anyone that it's worth £45,000. We're not paying any money for marketing machinery, with others you're paying for the Le Mans reputation, not the car itself."

TVR's marketing policy, observes Mr Wheeler, "is zero: it doesn't exist." It produces brochures, but leaves promotion to its dealers.

Its management traditions reflect the cars: simple and slightly raw-edged. There is no finance director — "the company secretary looks after all the accounts."

With Mr Wheeler answerable to no shareholders, TVR is fuelled by earnings and bank borrowings. "So we have to generate a small amount of profit to keep everyone happy. In the past few years we've usually made about £250,000

net. Now it's much closer to £1m." Mr Wheeler professes to care little about bottom lines — only that there should be adequate development cash. "During the whole of the past 10 years TVR has never seriously tried to make any money. We've tended to spend every penny on development — and probably not been cautious enough with the pennies."

It seems an extraordinary way to run a business. But then Mr Wheeler, having become wealthy enough to retire from the chemical engineering business in his 40s, says he bought the business out of an interest in cars, not commercial ambition.

"My life plan was to retire the day I bought this place. The end result is that 10 years later I have wound up working

harder than ever before in my life. You've got to know and love building cars, and I suppose we're trying to do what GM does, but with no resources. That's got to be the most challenging thing going."

Despite his carefree air, financial monitoring in reality is tight. No cars are built for stock and Mr Wheeler insists that the company makes, and is audited to make, profits each month.

One claimed reason for TVR's survival should, according to motor industry convention, actually be sinking it. A high proportion of cars and tooling are made "in-house", whereas larger car makers are increasingly curbing costs by becoming assemblers of out-sourced parts.

"We would wind up paying ridiculously high prices for

1,000 components a year from motor industry suppliers ordinarily used to £6,000 a year", says Mr Wheeler. "Either that or we would have to accept very high stocks. So it really does pay us to stock raw material and fabricate it using our own labour, no matter what anyone else might say."

Profitability should be much increased by the Griffith, which is designed for much easier construction — 200 man-hours against more than 400 required by some predecessors.

The Griffith has no visible body seams, being produced in a few very large moulds in which the glass fibre has to be laid by hand. "The Japanese, or anyone else, can't copy it, or make anything like it, unless they're prepared to make it by hand as well."

TVR buys V8 engines and gearboxes from Rover, but they are built to specification and made much more powerful by 25 employees at TVR Power, a subsidiary in Coventry.

There are distributors in Germany, Japan, France and Italy, but not in the US. "TVR's been in and out of there four times, and it's been the ruin of countless European companies. It's worse than the Middle East — you've got to be as strong as GM or forget it."

TVR would like more UK dealers than its current 18, but finding them is difficult. "What we need is enthusiasts with money; what's usually on offer is large companies with plenty of money but no enthusiasm, or enthusiasts with no money."

Mr Wheeler does not rule out eventually selling TVR or taking it public, but regards both as a distant prospect.

"Taking it public would certainly be an exciting gamble. But then I suppose you'd have to have all those glib-talking finance directors ..."

Rotork advances 11% and forecasts further progress

By Jane Fuller

ROTORC, the Bath-based valve control maker which exports three quarters of its products, lifted its pre-tax profit by 11 per cent in the six months to June 30.

On turnover of £26.9m (£25.1m), the profit advanced to £4.84m (£4.35m) after the receipt of £400,000 in interest. The share price gained 6p to close at 333p.

Mr Tom Essie, chief executive, attributed the group's strong performance to "not being tied to the UK economy". It also serviced basic industries providing fuel and heat, electricity and water. The proportion of its business that did lie in the UK had benefited from strong demand from the water companies.

About 80 per cent of turnover came from the actuation

division. Mr Essie said the operation had a dozen overseas companies selling its valve control products. Fruitful areas had been the US oil and gas sectors, the Middle East and the Pacific Rim. The business was driven by margin, not turnover.

Rotork Instruments, which provides emergency shut-down systems, did not reach its interim turnover target but a good final quarter was in prospect. Rotork Analysis, a small venture in pollution monitoring equipment, was trading profitably.

The group had added £300,000 cash to the £11m held at the year-end.

With the order book ahead of last year, further progress was expected in the second half. Earnings per share rose to 10.5p (9.3p) and the interim dividend goes up to 4.65p (4.25p).

Inchcape insurance arm buys into French broker

By Jane Fuller

BAIN Clarkson, the insurance broking subsidiary of Inchcape, is expanding its activities in continental Europe through the purchase of a minority stake in France's third largest broker for £15.2m.

The deal involves Bain Clarkson initially taking a 25 per cent holding in Compagnie Européenne de Courtage d'Assurances et de Réassurances (Cecar). It also entails Bain's French subsidiary, Rouge Clarkson, being sold to Cecar for loan stock. The conversion of this stock to equity in 1996

will take Bain's holding in Cecar up to 34 per cent.

Cecar's gross brokerage income was FFfr 370m (£39m) last year. Mr Simon Arnold, chairman of Bain, said its contribution would be substantially more than current French earnings, although less than 10 per cent of all the group's insurance activities.

Last year insurance services — mostly under the Bain Clarkson name — made an operating profit of £18.6m out of a total of £222.2m (before central costs) for the whole of the Inchcape motors and business services group.

Norton awaits another rescue

By Jane Fuller

NORTON, a famous old name in motorcycling, will be born again in corporate terms if £2.5m of new equity can be placed with institutions.

Norton Group is under investigation by the Department of Trade and Industry and its shares have been suspended since March last year because of a failure to produce results.

If the refinancing goes to plan, it will not be the first time that Norton has risen from the ashes. It came close to collapse in the early 1970s and the first, abortive, resurrection attempt involved a workers' co-operative at the Meriden works, near Coventry.

In 1986 the shell company was revived by Mr Philippe Le Roux, a motorcycle fan and former merchant banker. He resigned as chief executive in January 1991.

A new management has disposed of a prob-

lematic German fasteners subsidiary. Other problems have included trading losses of £2m at Norton Motors in 1990-91, and borrowings of about £8m. Mr Norman Wilson, a director, said motor losses were cut to £47,000 last year.

Under the refinancing plan, those subscribing for the £2.5m of shares would own the bulk of a new company — still keeping the Norton name — which would be listed; existing holders would also be offered a stake. The remainder of the debt with Midland Bank would be rescheduled "to give us a breathing space", Mr Wilson said.

The company, which makes rotary engines and has a profitable US piping components subsidiary, has not produced a motorcycle for two years. The F1 racing bike was priced at about £13,000, but lost money. Mr Wilson said a new motorcycle would be brought out in the next couple of months aimed at "the more commercial end of the market".

Competition to choose a foreign partner
for the continued development of the

Karachaganak
oil and gas condensate field

in the Uralsk Oblast of the Republic of Kazakhstan

A Protocol of Intent was signed on
1 July 1992 in Alma-Ata,
Republic of Kazakhstan
between the

**Government of the
Republic of Kazakhstan**

and

Agip and British Gas

CountyNatWest Wood Maekenzie & Co. Limited
acted as lead advisor to the
Government of the Republic of Kazakhstan

COUNTY NATWEST

A member of The Securities and Futures Authority
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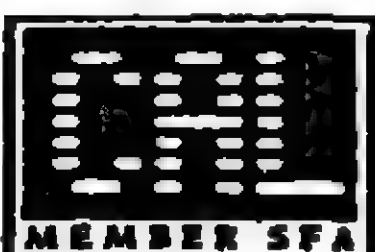
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ACCOUNTANCY COLUMN

Graduates who fail credibility test in the real world

Sunjay Kakar explains why many firms favour recruits with seemingly non-relevant qualifications

ACCOUNTANCY firms are turning their backs on accountancy graduates. They are seeking instead graduates with other degrees, believing they have the skills and attributes necessary for success in the profession.

In a letter this summer to an accountancy graduate, Mr Martin Rooney, a partner at F.W. Smith Riches, a London firm, says: "From my own experience I have come to the conclusion that non-relevant (non accountancy) graduates are best able to cope with the pressures of work and passing the examinations. I have therefore restricted my firm's recruitment, for the last couple of years, to non-relevant graduates only. Accordingly, I will not be in a position to process your application form."

The graduate in question says: "I have spent three years studying an accountancy degree thinking it would help me become an accountant, so their decision has made me change my mind about the profession. But some firms are completely out of their heads because they think an accountancy degree is just about number-crunching."

But Mr Rooney defends his decision. "Having a degree shows an indication of ability to think logically and plan thoughts, but accountancy graduates are less willing to accept that they have to start at the bottom and learn," he says. "In the first two years, the job can be very mundane and even an accountancy graduate with a first would have great difficulty in settling down."

There are a few exceptions. Mr

Wayne Barnett, a partner with Jayson Newman, says: "I find accountancy graduates easier to train because at least they have shown a commitment to their choice of career and have a feeling for the subject."

But the firm is in a minority in its willingness to take graduates of accountancy, in spite of the breadth of the subject, which covers topics such as company law, psychology and organisational methods.

Accountancy firms who prefer non-relevant graduates point their fingers to the pass rate statistics for PE1 - the first year chartered accountancy professional exams - and argue that the best and brightest graduates are in engineering, science and maths - but not in accountancy as might be expected.

Just how important the statistics are to accountancy firms can be seen at Touche Ross, where an accountancy graduate is required to have at least a 2.1 to apply for an interview, but a non-relevant graduate can apply with a 2.2. Only 20 per cent of the firm's intake is accountancy graduates.

Mr Nigel Llewellyn, the national recruitment partner, says he is "surprised people are surprised" that the figure is not higher. He argues that the statistical trend is so consistent that he cannot ignore it. "Some people think it is unfair for us to be so strict, but we think it is unfair for us to relax our standards," he says.

But why use the pass rate statistics to select graduates? The answer is best summed up by Mr Stephen Boley, the national director of graduate

recruitment at Coopers & Lybrand. "We want the best graduates - even if 75 per cent of them are not accountancy graduates," he says.

Several suggestions have been put forward to explain why accountancy graduates are under-performing at PE1.

Ms Debbie Bryant, senior recruitment manager at Price Waterhouse, says: "Students with a degree in accountancy can often become over-

'Accountancy graduates are not too hot at constructing a balance sheet in 25 minutes'

confident of passing the PE1 exams. They tend to fall down because they don't appreciate the volume of studying necessary. They need to understand the question and apply what they've learnt."

Mr Richard Parnell, a director at Robert Walters Associates, the financial recruitment firm, believes that accountancy graduates have the theoretical grounding but cannot apply this to the practical nitty-gritty of PE1. "Accountancy graduates are not too hot at constructing a balance sheet in twenty-five minutes," he says.

Nevertheless, there is a case that some accountancy firms are getting carried away with statistics. Mr David Clifford, the National Student Recruitment Partner at KPMG Peat Marwick, says: "Obviously it is important for

students to pass the exams, but it can also be very useful to look at how students approach the exams."

Ms Jo Magne, national personnel manager at Moores Rowland, says that past examination performance is the fastest measure so far identified as a measure for pre-selection. He argues that while the number of applicants continues to greatly exceed the number of places, firms must use some means of sorting through hundreds of application forms.

This is disheartening news for accountancy graduates, but there are suggestions that the situation can be improved. Ms Jackie Wynn, recruitment manager of The HAT Group of accountants, argues that degree courses in accountancy should be made more practical.

"We have to unlearn everything accountancy graduates have been taught and start all over again," she says. "They haven't even covered the basics in enough depth, if at all, especially in double-entry book-keeping."

Mr Boley says he would encourage more academic departments to teach accountancy through group work. "Accountancy is not just about auditing. It may be about auditing initially, but in the long term students become business advisers," he says.

An analysis conducted by Coopers & Lybrand suggests that accountancy graduates are a burden on industry because they frequently have an inadequate ability to discuss, communicate or negotiate with others. This raises the question of whether the existing degree courses in accountancy should be overhauled. Yet

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Brian Conway was educated in England and California where he majored in broadcasting. In 1967 he won the US National Association of Educational Broadcasters Scripps Award.

Returning to England, he joined BBC Local Radio as reporter/presenter, then producer. He also spent some time at Radio 4 as a Presentation Producer.

He moved to television in 1985 as presenter/reporter of the Midlands Today nightly news and current affairs programme. He began his own consultancy, Brian Conway Associates, at the beginning of 1991, to provide advice and training in communications techniques. Companies whose personnel he has trained include British Coal, Opencast Federal Express, Pedigree Petfoods, Forward Trust Group, Hoffmann-La Roche, Nissan Europe and Esso.

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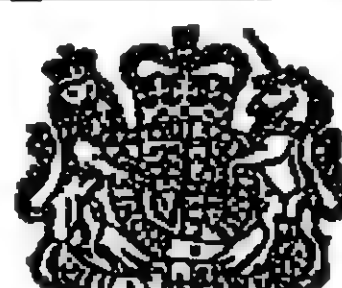
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COMMODITIES AND AGRICULTURE

Developing the last great oil frontier

Western moves to exploit ex-Soviet reserves are gathering pace, writes Neil Buckley

THE PROBLEMS and risks may still be legion, but moves by oil companies to exploit oil reserves in the former Soviet Union are gathering pace.

While the floodgates have yet to open, almost all major western companies have involvement of some kind - and a number of smaller companies have proved that they too can do deals with the former Soviet republics. Only this week, it was announced that a venture that is seeking to become the first integrated Russian oil company with a listing on the London stock exchange had been officially registered.

The Siberian Oil Company (Sincos) has been formed by Eurochem Petroleum, a private company backed by US and Australian oil interests, together with 16 Russian shareholding enterprises. It has licences to exploit 20 fields in the Tyumen region with recoverable reserves estimated at 1.74bn barrels.

Joint ventures with local producers remain the most popular means of entry into the former Soviet industry. The first was Yuganskneftegaz, made up of Canadian Fracmaster, Shell, and the west Siberian producer Yuganskneftegaz.

This undertakes well treatment at fields in the Yugansk region and has managed to make satisfactory profits by exporting incremental oil production as payment for its work.

The first US-Soviet venture to get approval to pump Siberian crude oil to the world, the much-trumpeted White Nights project, has had more variable fortunes.

Formed in 1990 between US oil companies Phibro Energy and Anglo-Suisse and the west Siberian producer Varyeganskneftegaz, it began producing last year from the Tagirskoye and West Varyegansk fields near Rudzhyn, 2,400 km (about 1,500 miles)

THE RUSSIAN government has exempted some joint ventures in the oil and natural gas sector from tough export taxes, but western companies and energy advisers in Moscow said the new rules did not go far enough, reports Reuters from Moscow.

The rules, applying to joint ventures set up before January 1, 1992, say firms will not have to pay the tax until they have fully recovered

initial investments on energy projects.

"It is certainly better than nothing, but it means there is not much hope any more for ventures registered this year," said Mr Richard Lewis of Ernst and Young Vnesheaudit in Moscow. "Newer joint ventures will still be looking for help," said another Western adviser. "It is prohibitive to conduct business here with export tariffs so high."

May, to develop the 350m-barrel Khariaga field in Komi's Timan Pechora basin.

The company expects to invest \$400m over two and a half years to bring the field on stream, and a total of \$1bn over the life of the field.

Occidental Petroleum, the US major, had long-established links with the former Soviet Union through its founder, Mr Armand Hammer, once a friend of Lenin. The company announced in June that a subsidiary, Occidental of Komi, would begin exploration activities as soon as possible on a 1.6m-acre (600,000-hectare) block in the Timan Pechora basin, after winning exclusive exploration and exploitation rights with local petroleum enterprise Ukhimneftegaz.

Another US major, Texaco, is negotiating a significant production-sharing agreement in Timan Pechora.

Several other joint ventures have been announced since the demise of the Soviet Union. Pennzoil, the Texas-based natural resources company, said in January that it was forming a joint enterprise with Agansk Geologicheskoye, to be called the Siberian American Oil company. The venture will develop the 45m-barrel West Moryorsk field in the Tyumen region of western Siberia - Russia's biggest oil-producing area.

In the transition towards competitive tendering for licences, however, some companies are running into problems. Premier Consolidated Oil

fields, the UK independent, secured exclusive rights to study the Caspian Sea's 100m-barrel Inche More field last October and hoped this would lead to a full development contract. Instead, a competitive tender has been called, although Premier remains confident that its early work will give it a competitive advantage.

Premier is not the first western company to find the rug apparently pulled from under its feet.

The so-called 3M group, consisting of US companies Marathon Oil and McDermott and Japan's Mitsui, carried out a feasibility study on developing oil and gas offshore of Sakhalin island in the Russian far east. This was superseded by a competitive tender, only to see 3M come out the winners.

There is, apparently, no such threat to the price could drop if the French major Elf Aquitaine, which was the first western company to sign significant exploration deals with both Russia and Kazakhstan, after nearly three years of painstaking negotiation.

Elf has two blocks of almost 20,000 sq km (7,700 square miles) between the cities of Saratov and Volgograd in Russia, and south-west of Aktyubinsk in Kazakhstan. The Russian deal was recently ratified by the Russian parliament, and Elf has said it expects up to 30 per cent of its reserves to lie in these regions by the end of the century.

In the race to attract western investment, Kazakhstan has scooped up by far the biggest deals. Three months after the Elf deal, it reached a long-

awaited agreement with Chevron, the fourth largest oil company in the US, to develop the huge Tengiz and Korolev fields with estimated recoverable reserves between 60n and 90n barrels.

Less than two months later, British Gas and Agip, the Italian state-owned oil company, beat off competition from British Petroleum and Norway's Statoil to win exclusive negotiating rights to develop the Karachaganak field. The field contains 20 trillion (million million) cubic feet of gas, and 2bn barrels of oil and condensate.

Kazakhstan also has deals with Oman and with the privately-owned Turkish engineering company United BMB group, which signed a \$1.7bn deal to exploit four oilfields and construct a gas-fired power station at Aktyubinsk.

Moreover, Mobil, BP and Chevron are said to be negotiating with Kazakhstan on the Tesh-Tali in the Caspian Sea. Kazakhstan's southern neighbour Uzbekistan also recently reached agreement with the Stan Cornwell Consortium, a group of US investors, to develop its Mungbulak field, with estimated reserves of 800n barrels.

Even before the break up of the Soviet Union, the Caucasus republic of Azerbaijan, which also has extensive reserves, selected US major Amoco, together with partners Unocal and McDermott, to develop the Azeri field in the Caspian Sea, together with local producer Kaspomorneftegaz.

Most experts agree that it will be the end of the century or beyond before these new ventures start producing enough oil to influence world crude prices. But the development of the last great oil frontier is well under way.

This is the final part of a series on the oil sector of the former Soviet Union. Earlier articles appeared on July 24 and 31.

Indonesia expects tin profit after cost-cutting

By William Keeling in Jakarta

INDONESIA'S TIN industry is expected to return to profit in 1992 with the dominant state-owned tin mine, Tambang Tinah, having cut production costs by 25 per cent since 1990.

Mr Ghandjar Kartasasmita, the resources minister, said this week that Tambang Tinah, which accounts for 80 per cent of national production, had cut production costs to \$5,000 a tonne, down from about \$6,700 in 1990.

Tambang is undertaking a five-year restructuring programme entailing a sharp reduction in the company's workforce from 24,000 two years ago to 8,250. The company is expected to concentrate its operations at the offshore areas of Karimun and Kundur islands.

Mr Kartasasmita set a target to reduce production costs to \$4,500 a tonne. He welcomed the current international tin price of about \$7,000, as against the forecast price of \$5,800 for the year. He warned, however, that the price could drop if the US decided to run down its tin stocks.

Indonesia is the world's third largest tin producer after Brazil and Malaysia and had an export quota at the end of last year of 25,376 tonnes a year under the Association of Tin Producing Countries' market stabilisation scheme. In 1990 Indonesia produced about 34,000 tonnes of tin.

Indonesia is to host the next meeting of the association in September and has requested that Brazil and China, which are not members, attend to discuss world production levels.

PT Freeport, Indonesia's leading copper mining company, is expected to begin construction of a \$500m copper processing plant next year. The state-owned Antara news agency reported yesterday that the plant would produce 150,000 tonnes of copper a year, of which about 90,000 would be exported.

Freeport has been undertaking a \$550m expansion programme at its mines in Irian Jaya to increase copper-ore production to about 57,000 tonnes a day.

Indonesia's exports of copper concentrate last year earned \$512m. Freeport also produces gold as a by-product of the copper-concentrate process and exports totalled 9,355 kg in 1990.

The new plant, located in East Java, is to be constructed by Metallgesellschaft of Germany, which will take substantial equity in the project.

Senate rejects mine claims moratorium

By Matthew Kaminski in Washington

THE US Senate has thrown out a proposal to place a one-year moratorium on federal land sales to mining companies and adopted a "watered-down" "reform" measure criticised as a "giveaway" to the industry.

The mining industry hailed the vote as a major victory. But Mr John Knebel, president of the American Mining Congress, said the industry, which has battled with environmentalists over land reclamation standards, was "by no means finished with this saga."

Senator Dale Bumpers, a Democrat from Alabama, sought the moratorium to give Congress more time to consider tougher reform legislation. The Bumpers reform Bill, which is still in committee,

aims to change completely a century-old system under which anyone can explore US federal lands for as little as \$2.50 an acre after discovery of a valuable mineral deposit.

Senator Harry Reid, a Nevada Democrat, said a one-year moratorium would shut down mineral exploration. His proposal, which was passed, requires federal land to be sold at fair market value, but does not place a royalty on the \$3.50n worth of minerals that private concerns extract from federal lands every year. Also, it says land must be returned to the federal government if no minerals are extracted.

Mr John Knebel, president of the American Mining Congress, the industry lobby, said the Senate took a "proper step" to reform mining law without changing the basic law structure.

Bolivia's state mining company in joint venture

By Chris Phillips in La Paz

MINERA TIWANACU, a subsidiary of Miami-based Jordan Resources, is to sign a joint venture contract with Comibol, the Bolivian state mining corporation, to exploit Bolivar, a polymetallic mine in the department of Oruro, in the south-west of the country.

The deal should be finalised in the next three or four weeks, according to Mr Alfredo Rojas, Tiwanacu's executive president. Comibol has invested \$14m in the mine over the past two years and, under the terms of the contract, Tiwanacu will invest at least a further \$14m. Production is

estimated by Mr Rojas at 1,000 tonnes of ore a day, of which 400 tonnes will come from Tiwanacu's existing operations 17 km (10 miles) away at Poopo. The plant at Poopo is to be valued and will form part of Tiwanacu's investment in Bolivar.

Of the 1,000 tonnes of ore, some 15 per cent will be processed and 1 per cent will be a plus 350 grams per tonne of silver. The resulting concentrate will be 50 per cent zinc, with 800 grams per tonne of silver.

The project should be up and running in 12 months, producing some 19,000 tonnes of concentrate a year and should have a working life of some 15 years, according to Mr Rojas.

Malaysia tries to fight off palm oil competition

By Kieran Cooke in Kuala Lumpur

MR LIM Keng Yaik, Malaysia's Primary Industries Minister, is leading a palm oil selling mission to Pakistan and India in an effort to counter what Malaysia sees as rising competition from other palm oil producers.

"We see a necessity to step up efforts not only to seek and expand new markets but more importantly to protect our existing markets in the face of rising competition," said a Malaysian official.

Malaysia, the world's largest palm oil producer, faces increased competition for export markets from Indonesia,

Thailand, Papua New Guinea and a number of producers on the African continent.

India was once the main export market for Malaysian palm oil. But sales to India have dropped dramatically in recent years, because of what Malaysian officials describe as India's "foreign exchange constraints". In 1987 Malaysia exported more than 1m tonnes of palm oil to India. In 1991 sales to India were only 160,896 tonnes. But sales to Pakistan have improved considerably - from 117,857 tonnes in 1989 to 361,941 tonnes last year. Malaysia produced 6.14m tonnes of palm oil in 1991 and expects to increase this to 6.5m tonnes this year.

US meat output soars to record

By Matthew Kaminski

AMERICAN RED meat production soared to new highs in June, bucking generally depressed global market trends.

The US Department of Agriculture has reported that commercial red meat production went up 12 per cent from last year to 3.42bn lb, a record for June. Also, pork production, at 1.33bn lb, broke a 12-year old monthly output record.

This output surge will probably further improve US export

performance, which has risen steadily during the first half of the year.

For the first five months, beef and veal exports were up 8 per cent compared with the same period last year to 175,000 tonnes, worth \$791m, while pork exports rose 32 per cent to 47,000 tonnes, worth \$161m. June export figures are not yet available.

Industry analysts warn, however, the production boost may be illusory. This June there were more slaughter days than last June and, more impor-

tantly, output is largely supply driven.

"We go through cycles of production, but we also have had slight growth in demand," says Mr Glenn Grimes, an agricultural economist at the University of Missouri.

Most of the increase comes from hogs, which are up 17 per cent over the last year.

"We're actually setting a record in pork production in 1992," says Mr Grimes, who estimates output at 17.2bn lb, eclipsing the 1990 record of 16.43bn lb.

Zimbabwe appeals for white farmers to stay

ZIMBABWE'S government,

which recently passed a controversial law to take land from white farmers for black peasants, has appealed to white farmers to stay in the country, reports Reuters from Harare.

Industry officials say hundreds of white farmers, angered by the new law, plan to emigrate to neighbouring countries, especially Zambia and Mozambique.

"Those who are calling for a

latter-day 'great trek' to the north and east of our borders are over-reacting and misleading others," said the country's vice-president Mr Simon Muzenda. "There is enough land in our country for Zimbabweans who genuinely want to make a living from it," he said when he opened an annual meeting of the white Commercial Farmers Union.

White commercial farmers occupy about 70 per cent of the country's most fertile land.

WORLD COMMODITIES PRICES

MARKET REPORT

GOLD was again in retreat on the London bullion market as Comex futures came under pressure from selling by locals testing the market's downside support. Dealers said US funds appeared to have largely liquidated their positions, leaving them neutral as a market factor, while other directions were scanned for the possible source of selling that might push gold through support at \$348 a troy ounce. Gold has to hold the \$348 area to retain its recent technical uptrend and was fixed at \$348.60, down 65 cents from the morning fix. Official selling could be the catalyst to push the market down through the

London Markets

SPOT MARKETS	
Commodity	Price
Brent Blend (per barrel FOB)	\$17.85-9.00 +0.15
Brent Blend (diesel)	\$18.35-9.00 +0.15
Brent Blend (gas)	\$20.00-0.10 +0.15
WTI (1 pm est)	\$21.40-1.50 +0.25
Oil products	
(WHF prompt delivery per tonne CIF)	
Premium Gasoline	\$218-221 +0.5
Gas Oil	\$176-177 +1.0
Heavy Fuel Oil	\$84-85 +0.5
Naphtha	\$189-191 +1.5
Other	
Gold (per troy oz)	\$348.65 -1.70
Silver (per troy oz)	\$325.00 +2.0
Platinum (per troy oz)	\$274.00 -1.55
Palladium (per troy oz)	\$388.00 -0.85
Copper (US Producer)	
Lead (US Producer)	\$29.25 +0.2
Tin (Korea Lumpur market)	\$15.20 +0.20
Tin (New York)	\$14.50 +4.0
Zinc (US Prime Western)	\$2.00
Cattle (live weight)	
Sheep (live weight)	\$75.10 -1.17
Pigs (live weight)	\$60.10 -3.75
London daily sugar (raw)	
London daily sugar (white)	\$253.00 +2.5
Time and Lys export price	\$247.5 +2.5
Barley (English food)	
Barley (US No. 3 yellow)	\$118.5
Wheat (US No. 3 yellow)	\$115.0
Wheat (US Dark Northern)	Unq
Rubber (SRISS)	
Rubber (SRISS No 1 July)	\$1.10 -0.25
Rubber (SRISS No 2 July)	\$1.05 -0.25
Rubber (SRISS No 3 July)	\$1.00 -0.25
Cocoa (Philippines)	
Cocoa (Philippines)	\$2.00 +10.0
Cocoa (Philippines)	\$2.00 +10.0
Soyabean (US)	\$137.00
Cotton "A" index	\$151.50
Wool (US Super)	\$1.10 -0.15

pivotal support, dealers said. On the LME COPPER edged further ahead as Chinese buying continued. Three-month metal closed above \$2,510 a tonne, suggesting further gains, dealers said. Three-month TIN put on a spurt in late trading on short covering and closed at \$8,335 a tonne, up \$100. The market is staging a correction from the source of selling that might push gold through support at \$348 a troy ounce. Gold has to hold the \$348 area to retain its recent technical uptrend and was fixed at \$348.60, down 65 cents from the morning fix. Official selling could be the catalyst to push the market down through the

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Rubber (SRISS No 2 July)	\$1.05 -0.25
Rubber (SRISS No 3 July)	\$1.00 -0.25
Cocoa (Philippines)	
Cocoa (Philippines)	\$2.00 +10.0
Cocoa (Philippines)	\$2.00 +10.0
Soyabean (US)	\$137.00
Cotton "A" index	\$151.50
Wool (US Super)	\$1.10 -0.15

Cocoa - London POX			
	Close	Previous	High/Low
Sep	632	636	637 63
Dec	663	667	669 65
Mar	682	694	696 68
May	711	712	714 70
Jul	729	730	732 71
Sep	747	748	749 74
Dec	773	775	776 71
Mar	801	804	805 75
May	820	826	821 81
Turnover: 3035 (4512) lots of 10 tons			
ICGD indicator prices (\$/ton) for			
prices for Aug 6 (\$72.96) (\$27.10) 10			
for Aug 6 768.55 (768.52)			

COFFEE - London POX			
	Close	Previous	High/Low
Sep	735	737	736 72
Nov	755	758	758 75
Jan	770	771	770 76
Mar	786	781	786 76
May	799	805	797 77
Jul	814	815	810 78

(3/7)	(1/4)	(9/1/35)	(3/1/75)
106.35	97.15	106.35	50.53
(6/7)	(2/1)	(6/7/92)	(3/1/75)

[illegible][illegible][illegible]

FIXED INTEREST				
		4-yr	1992	Yield
Hikes	Price %	1991	1992	10-yr
0101C	112 1/4	115 1/2	116 1/2	8.91
20600	112 1/4	115 1/2	116 1/2	8.82
10	112 1/4	115 1/2	116 1/2	10.51
10	112 1/4	115 1/2	116 1/2	9.72
2011C	112 1/4	115 1/2	116 1/2	10.20
2011C	112 1/4	115 1/2	116 1/2	10.32
2007C	112 1/4	115 1/2	116 1/2	10.44
2021	112 1/4	115 1/2	116 1/2	10.51
2000	112 1/4	115 1/2	116 1/2	10.27

converted into US dollars at the prevailing spot rate and will be distributed to the Unitholders in their discretion of all taxes and charges of the corporation, treaty with the Republic of Korea may be the Korean non-residents withholding tax, on through one of the designated sub-paying agents, together with a copy of the Certificate of Discharge. These documents are requested by the evidence of residence and without them the full amount will be retained.

City of New York
Transmits

AY
ia
TT
Buenos Aires-Colonia

100

AMERICANS

Notes	Price	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980	1979	1978	1977	1976	1975	1974	1973	1972	1971	1970	1969	1968	1967	1966	1965	1964	1963	1962	1961	1960	1959	1958	1957	1956	1955	1954	1953	1952	1951	1950	1949	1948	1947	1946	1945	1944	1943	1942	1941	1940	1939	1938	1937	1936	1935	1934	1933	1932	1931	1930	1929	1928	1927	1926	1925	1924	1923	1922	1921	1920	1919	1918	1917	1916	1915	1914	1913	1912	1911	1910	1909	1908	1907	1906	1905	1904	1903	1902	1901	1900	1899	1898	1897	1896	1895	1894	1893	1892	1891	1890	1889	1888	1887	1886	1885	1884	1883	1882	1881	1880	1879	1878	1877	1876	1875	1874	1873	1872	1871	1870	1869	1868	1867	1866	1865	1864	1863	1862	1861	1860	1859	1858	1857	1856	1855	1854	1853	1852	1851	1850	1849	1848	1847	1846	1845	1844	1843	1842	1841	1840	1839	1838	1837	1836	1835	1834	1833	1832	1831	1830	1829	1828	1827	1826	1825	1824	1823	1822	1821	1820	1819	1818	1817	1816	1815	1814	1813	1812	1811	1810	1809	1808	1807	1806	1805	1804	1803	1802	1801	1800	1799	1798	1797	1796	1795	1794	1793	1792	1791	1790	1789	1788	1787	1786	1785	1784	1783	1782	1781	1780	1779	1778	1777	1776	1775	1774	1773	1772	1771	1770	1769	1768	1767	1766	1765	1764	1763	1762	1761	1760	1759	1758	1757	1756	1755	1754	1753	1752	1751	1750	1749	1748	1747	1746	1745	1744	1743	1742	1741	1740	1739	1738	1737	1736	1735	1734	1733	1732	1731	1730	1729	1728	1727	1726	1725	1724	1723	1722	1721	1720	1719	1718	1717	1716	1715	1714	1713	1712	1711	1710	1709	1708	1707	1706	1705	1704	1703	1702	1701	1700	1699	1698	1697	1696	1695	1694	1693	1692	1691	1690	1689	1688	1687	1686	1685	1684	1683	1682	1681	1680	1679	1678	1677	1676	1675	1674	1673	1672	1671	1670	1669	1668	1667	1666	1665	1664	1663	1662	1661	1660	1659	1658	1657	1656	1655	1654	1653	1652	1651	1650	1649	1648	1647	1646	1645	1644	1643	1642	1641	1640	1639	1638	1637	1636	1635	1634	1633	1632	1631	1630	1629	1628	1627	1626	1625	1624	1623	1622	1621	1620	1619	1618	1617	1616	1615	1614	1613	1612	1611	1610	1609	1608	1607	1606	1605	1604	1603	1602	1601	1600	1599	1598	1597	1596	1595	1594	1593	1592	1591	1590	1589	1588	1587	1586	1585	1584	1583	1582	1581	1580	1579	1578	1577	1576	1575	1574	1573	1572	1571	1570	1569	1568	1567	1566	1565	1564	1563	1562	1561	1560	1559	1558	1557	1556	1555	1554	1553	1552	1551	1550	1549	1548	1547	1546	1545	1544	1543	1542	1541	1540	1539	1538	1537	1536	1535	1534	1533	1532	1531	1530	1529	1528	1527	1526	1525	1524	1523	1522	1521	1520	1519	1518	1517	1516	1515	1514	1513	1512	1511	1510	1509	1508	1507	1506	1505	1504	1503	1502	1501	1500	1499	1498	1497	1496	1495	1494	1493	1492	1491	1490	1489	1488	1487	1486	1485	1484	1483	1482	1481	1480	1479	1478	1477	1476	1475	1474	1473	1472	1471	1470	1469	1468	1467	1466	1465	1464	1463	1462	1461	1460	1459	1458	1457	1456	1455	1454	1453	1452	1451	1450	1449	1448	1447	1446	1445	1444	1443	1442	1441	1440	1439	1438	1437	1436	1435	1434	1433	1432	1431	1430	1429	1428	1427	1426	1425	1424	1423	1422	1421	1420	1419	1418	1417	1416	1415	1414	1413	1412	1411	1410	1409	1408	1407	1406	1405	1404	1403	1402	1401	1400	1399	1398	1397	1396	1395	1394	1393	1392	1391	1390	1389	1388	1387	1386	1385	1384	1383	1382	1381	1380	1379	1378	1377	1376	1375	1374	1373	1372	1371	1370	1369	1368	1367	1366	1365	1364	1363	1362	1361	1360	1359	1358	1357	1356	1355	1354	1353	1352	1351	1350	1349	1348	1347	1346	1345	1344	1343	1342	1341	1340	1339	1338	1337	1336	1335	1334	1333	1332	1331	1330	1329	1328	1327	1326	1325	1324	1323	1322	1321	1320	1319	1318	1317	1316	1315	1314	1313	1312	1311	1310	1309	1308	1307	1306	1305	1304	1303	1302	1301	1300	1299	1298	1297	1296	1295	1294	1293	1292	1291	1290	1289	1288	1287	1286	1285	1284	1283	1282	1281	1280	1279	1278	1277	1276	1275	1274	1273	1272	1271	1270	1269	1268	1267	1266	1265	1264	1263	1262	1261	1260	1259	1258	1257	1256	1255	1254	1253	1252	1251	1250	1249	1248	1247	1246	1245	1244	1243	1242	1241	1240	1239	1238	1237	1236	1235	1234	1233	1232	1231	1230	1229	1228	1227	1226	1225	1224	1223	1222	1221	1220	1219	1218	1217	1216	1215	1214	1213	1212	1211	1210	1209	1208	1207	1206	1205	1204	1203	1202	1201	1200	1199	1198	1197	1196	1195	1194	1193	1192	1191	1190	1189	1188	1187	1186	1185	1184	1183	1182	1181	1180	1179	1178	1177	1176	1175	1174	1173	1172	1171	1170	1169	1168	1167	1166	1165	1164	1163	1162	1161	1160	1159	1158	1157	1156	1155	1154	1153	1152	1151	1150	1149	1148	1147	1146	1145	1144	1143	1142	1141	1140	1139	1138	1137	1136	1135	1134	1133	1132	1131	1130	1129	1128	1127	1126	1125	1124	1123	1122	1121	1120	1119	1118	1117	1116	1115	1114	1113	1112	1111	1110	1109	1108	1107	1106	1105	1104	1103	1102	1101	1100	1099	1098	1097	1096	1095	1094	1093	1092	1091	1090	1089	1088	1087	1086	1085	1084	1083	1082	1081	1080	1079	1078	1077	1076	1075	1074	1073	1072	1071	1070	1069	1068	1067	1066	1065	1064	1063	1062	1061	1060	1059	1058	1057	1056	1055	1054	1053	1052	1051	1050	1049	1048	1047	1046	1045	1044	1043	1042	1041	1040	1039	1038	1037	1036	1035	1034	1033	1032	1031	1030	1029	1028	1027	1026	1025	1024	1023	1022	1021	1020	1019	1018	1017	1016	1015	1014	1013	1012	1011	1010	1009	1008	1007	1006	1005	1004	1003	1002	1001	1000	999	998	997	996	995	994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FT MANAGED FUNDS SERVICE

Current Unit Trust prices are available on FT Cityline. Calls charged at 36p/minute (cheap rate) and 48p/minute at all other times. To obtain a free Unit Trust Code Booklet ring (071) 525-2125.

PEARL ASSURANCE (UNIT FUNDS) LTD			
Unit Name	Unit Price	Unit Price	Unit Price
...
PROVIDENT NATIONAL LIFE ASS. - CANAD.			
Unit Name	Unit Price	Unit Price	Unit Price
...
SCOTTISH ASSURANCE			
Unit Name	Unit Price	Unit Price	Unit Price
...
SUN ALLIANCE GROUP			
Unit Name	Unit Price	Unit Price	Unit Price
...
WINNERS LIFE ASS.			
Unit Name	Unit Price	Unit Price	Unit Price
...
ROYAL LIFE INTL. LTD - CANAD.			
Unit Name	Unit Price	Unit Price	Unit Price
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GUERNSEY (REGULATED)			
Unit Name	Unit Price	Unit Price	Unit Price
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CANADA (REGULATED)			
Unit Name	Unit Price	Unit Price	Unit Price
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GUERNSEY (REGULATED)			
Unit Name	Unit Price	Unit Price	Unit Price
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IRELAND (REGULATED)			
Unit Name	Unit Price	Unit Price	Unit Price
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ISLE OF MAN (REGULATED)			
Unit Name	Unit Price	Unit Price	Unit Price
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BERMUDA (REGULATED)			
Unit Name	Unit Price	Unit Price	Unit Price
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OFFSHORE INSURANCES			
Unit Name	Unit Price	Unit Price	Unit Price
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MANAGEMENT SERVICES			
Unit Name	Unit Price	Unit Price	Unit Price
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OFFSHORE AND OVERSEAS			
Unit Name	Unit Price	Unit Price	Unit Price
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[illegible]

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1327.00 (21.1)	998.00 (16.8)
6499.00 (44.8)	4103.00 (27.7)
691.48 (8.7)	493.33 (5.9)
266.51 (28.7)	211.35 (28.7)
1814.10 (11.9)	834.70 (24.7)
883.40 (11.9)	748.50 (8.1)
682.30 (11.9)	681.18 (8.1)
5391.63 (28.1)	3947.32 (24.7)
1532.39 (7.4)	667.84 (19.9)
342.18 (7.1)	467.58 (24.0)
976.55 (25.5)	840.16 (27.7)

506.57.
 calculated at 15.00 GMT.
 MIB Gen., Euro Top-100, ISEQ Overall
 Italia All Ordinary and Mining - 300; 65

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	Aug 5	Aug 4	Aug 3	Aug 2
3031.48	3050.08		3031.48	3031.48
3406.19	3426.04		3406.19	3406.19
1784.28	1797.23	1804.98	1784.28	1784.28

Indices are 100 except NYSE All Com
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and Industrial, plus Utilities, Finan

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	1992		
	HIGH	LOW	
31	3238.87 (11/1)	2809.26	
43	3666.00 (11/1)	3318.10	
09	1937.59 (11/1)	1727.04	

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TOKYO - F Thurs			
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ill Milk Prod	4.5m	736	
Shoe Pharm	1.0m	2720	
Score Bati	2.5m	713	
asaki Ry	1.8m	370	

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Unlisted Price (US\$/US\$)
THAILAND
Stock SET 1304/4750
WORLD
M.S Capital and 1211/780 US
Euro 10-100 034/4910
*Security Report 1. Taiwan 100
* Subject to official recalculation.
Base values of all indices are 100
per DAX - 1.000 US\$ Gold - 5
Counted Unavailable

Most Active Stocks
day 6 August 1992

Change in day	Stock Trades
-10 Mitsubishi Hydr . . .	1.69
-1 Masui EngShip . . .	1.74
+50 Morning Mills . . .	1.64
-49 Daum Inds . . .	1.64
Nitachi . . .	1.56

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492.51	494.7	494.8	495.7
857.50	861.15	859.71	856.90
Weighted Price: 4101.04, Korea Comp Ex: 155.7, 156.26 Industrials - 264.3 and Assets			

	Closing	Change
d	Prices	on day
n	525	+ 5
n	386	- 8
n	460	- 37
n	643	- 1
n	758	- 2

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542.18 (7/11)	467.58 (24/4)
976.55 (25/3)	840.06 (27/7)

546.57,
located at 15.00 GMT.
1st, M10 Gen., Euro Top-100, ISEQ Overall
Australia All Ordinary and Mining — 500; 65

(Excuse us for asking)

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NEW YORK STOCK EXCHANGE COMPOSITE PRICES

Continued on next page

AMERICA

GM disappointment adds to Dow's woes

Wall Street

DISAPPOINTING earnings from General Motors and nervousness ahead of today's July employment report left share prices lower yesterday morning, writes Patrick Hurverson in New York.

By 1pm the Dow Jones Industrial Average was down 15.94 at 3,349.47. The more broadly based Standard & Poor's 500 was also lower at mid-session, down 1.35 at 420.83, while the Amex composite had lost 0.81 to 389.09 and the Nasdaq composite was down 3.43 at 573.44. Turnover on the NYSE was 111m shares by 1pm.

An increase in jobless claims for the week ended July 25, the largest weekly increase in 10 years, was not promising. An analysis of the figures, however, revealed that nearly all of the rise was accounted for by temporary layoffs and shut-downs at General Motors and other car plants in the final two weeks of July.

Confusion over the weekly claims data added to the nervousness felt by investors about today's July employment report. Analysts are expecting a rise in non-farm payrolls and a slight fall in the national unemployment rate.

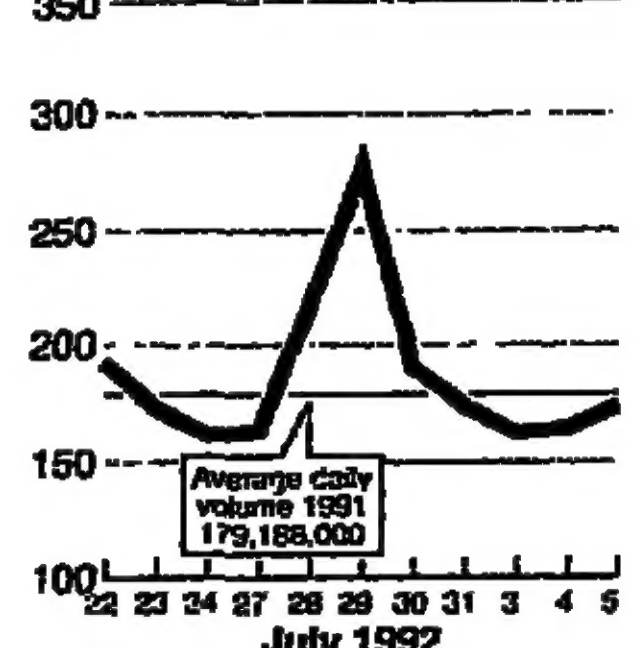
The other major influence on

sentiment was the latest batch of second quarter earnings reports, which provided little comfort.

General Motors fell 3 1/2% to \$37 1/2 in turnover of 3.4m.

NYSE volume

Daily (million)



shares after reporting a net loss of \$37.1m in its second quarter, compared to a loss of \$78.5m a year earlier.

The loss was attributable to a previously announced \$749m restructuring charge at GM's Hughes Aircraft subsidiary.

Nevertheless, the market responded negatively to the figures because, even without the special charge, GM's earnings came in below expectations, and investors are worried about the outlook for car sales for the rest of the year. Of the other big car makers, Ford fell

1 1/4% to \$41 1/4 in turnover of 750,000 shares, and Chrysler dropped 3/4% to \$21 1/4.

The ADRs of British Petroleum plunged 8 3/4% to \$45 1/4 after the UK oil company reported an 11 per cent decline in net profit on a historic-cost basis and before extraordinary items, cut its dividend in half and announced plans for 1,500 job cuts.

BP's decline would have been much greater were it not for the strong buying support for the stock around the \$41 1/4 level, which helped stem the flood of early losses.

Gap Stores rose 3/4% to \$35 1/4 after the retailer reported a 7 per cent rise in same-store sales during July.

Canada

TORONTO shadowed declines on Wall Street, with light profit-taking ahead of US and Canadian jobs data today.

The TSE-300 Composite index fell 9.66 to 3,396.53 at midday in volume of 15.1m shares, the financial services showing the worst losses with a fall of 17.38 to 273.46.

Among active stocks, Thomson Corp and Torstar B both rose by 1/4%, to C\$11 1/4 and C\$21 1/4 respectively. But Federal Industries A fell 1/2% to C\$4.60 and MacMillan Bloedel by 3/4% to C\$17.

Fare wars ravage European airlines

But progress in cutting costs should help share prices to recover, says Daniel Green

European airline stocks have had a rough ride during the past few weeks, hit by airline overcapacity, damaging fare wars, and the tortuous progress on the part of management towards a lower cost base.

Since setting nominal relative highs in the spring, most of Europe's handful of quoted airline issues have fallen steeply. The worst performance has come from Swissair, where the shares, down by more than a quarter since their peak in May, have fallen 20 per cent faster than the local index.

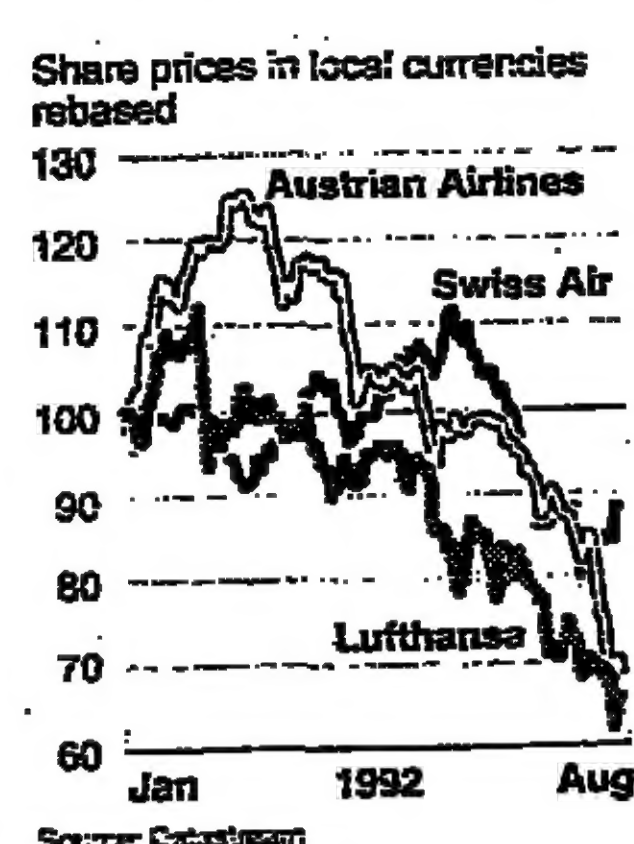
As well as having to cope with industry-wide troubles, Swissair has acknowledged that its cost base - one of the highest in Europe - has to be reduced. The company is in the process of relocating its accounts department to Bombay, India, with the intention of saving between Sfr10m and Sfr13m as part of a plan to save Sfr300m (S227m). Its first round of compulsory job cuts has started: 420 staff will have

left by the end of September.

This is only a small dent, however, in Swissair's total staff of more than 19,000. By comparison, British Airways axed 4,600 jobs, almost 10 per cent of the workforce, in its last financial year. BA is the most profitable large airline in the western hemisphere and its shares have declined by less than 7 per cent since their May high.

After Swissair's sharp fall, there is scope for a share price recovery, says Mr Guido Meier, an analyst at UBS in Zurich. "As cost-cutting programmes go on, we see an increase in the share price," he says.

Austrian Airlines, too, has had a tough time. Until recently the stock had followed the rest of the Vienna bourse in a drop of about 15 per cent since May. Then suggestions that falling profits meant that the dividend was in danger triggered a further 10 per cent retreat. Mr Frank Jonschack of Kleinwort Benson in London says: "Our earnings estimates will probably have to be



revised downwards by roughly 20 per cent."

Shares in KLM, the Dutch carrier, by contrast, recovered well at the end of July. As one of the more entrepreneurially-minded airlines in Europe, KLM has engaged in the kind of cost-cutting and price competition that industry watchers in the US and Asia have seen for some time.

The late recovery in the shares was partly the result of

a proposed ground-breaking deal with the US Department of Transportation which should allow the airline to operate within the US. Washington hopes, thereby, to put pressure on European governments to allow reciprocal rights for US carriers in Europe.

For KLM, any boost to transatlantic profitability would be welcome. It was reluctantly drawn into the US-initiated price wars in the spring and its Asian routes are far more profitable.

By comparison with its bigger neighbour, Lufthansa, the German state carrier, KLM's challenges seem small. Lufthansa made an operating loss of DM600m (\$407m) in the first five months of this year. Since the shares peaked in February they have lost more than 40 per cent of their value and the reasons are clear: generous staffing levels and aircraft that, on average, are barely more than half full.

In response, Lufthansa has grounded some aircraft and

initiated a programme of staff cuts. These are modest by comparison with what has happened at BA but may begin to affect the bottom line by the end of the company's financial year, according to Mr Gordon Smith-Carby, an analyst at Smith New Court in London.

Lufthansa has also hived off its domestic services into a separate organisation, Lufthansa Express, which may be incorporated eventually. Cost-cutting measures include paying staff less, and Lufthansa hopes that the DM350m lost on domestic routes last year will be eliminated.

Prospects for Lufthansa are uncertain in the short term, not least because the Bonn government has said it wants to sell half of its 51 per cent stake. A change of control might prompt Lufthansa's executives to reduce costs even more sharply, to find themselves leading a lean management philosophy among Europe's airlines and, perhaps, to win the friendship of shareholders and creditors.

EUROPE

Bundesbank decision fails to lift continent

THE Bundesbank's decision to leave German interest rates alone did little for continental equity markets, writes Our Markets Staff.

FRANKFURT'S DAX index finished 7.66 lower at 1,821.15, but off a low of 1,814.56. Turnover rose from DM5bn to DM6.1bn, and there was talk that futures trading had depressed blue chips after lifting them on Wednesday.

Dealers talked hopefully of rate cut prospects after the drop in west German industrial orders in June and rising unemployment figures in east and west Germany. However, Mr Reinhard Fischer, head of equity research at Paribas Capital Markets, said that his bank was still underweighting the German market, given that more disappointing company results were in the pipeline.

Douglas, the retailer, stood out painfully with a loss of DM20 to DM510 taking this year's drop in the shares to 23 per cent, against a 17 per cent gain for Kaufhof over the same period. Douglas reported lower first half profits, although it said that it expects earnings to improve in the second half.

PARIS eased in dull trading, as the CAC 40 index failed to hold above 1,800 and closed 4.14 lower at 1,793.84 in turnover of FF1.5bn.

News that BP had suffered its first-ever net loss of \$812m on a replacement cost basis for the second quarter, and halved its dividend weighed heavily on Elf which dropped FF11.20 or 3.3 per cent to FF333.30. Peugeot lost a further FF18 to FF649 following its disappointing first half turnover.

Euro Disney gained FF3.66 or 4.1 per cent to FF52.75 for a gain of 9.1 per cent this week on reports that the theme park has been operating at full capacity recently. Bancaire jumped FF17 or 5 per cent to FF358 but traders were unable

FT-SE Eurotrack 100 - Aug 6							
Hourly changes							
Open	10.30am	11 am	12 pm	1 pm	2 pm	3 pm	close
1082.10	1081.16	1080.99	1079.15	1075.13	1076.70	1077.94	1078.71
Day's High 1082.40				Day's Low 1077.60			
Aug 5	Aug 4	Aug 3	Jul 31	Jul 30			
1081.21	1076.44	1069.17	1067.77	1068.92			

Source: value 1000 (1985=100)

to give a reason for the rise.

Accor was suspended before news that it will have to pay FF950m to minority shareholders in Belgium's Wagons-Lits following a Brussels court ruling on its bid for Wagons-Lits. Later, Accor fell to FF630 before closing steady at FF638.

AMSTERDAM fell on disappointing second quarter results from Philips and Royal Dutch.

The CBS Tendency index lost 1.2 to 116.9.

The electronics group reported a 56 per cent drop in second quarter earnings, below most analysts' forecasts. The

There was some interest in the telecom sector, as Stet rose 1.35 to L1,638 on news that it had won a \$180m licence to develop cellular phone systems in Greece.

Benetton added L481 to L11,470. After the close United Optical, a subsidiary of the Benetton family holding company, Edizione, said that it planned to raise its share capital. Fiat rose L34 to L4,638 but there was some nervousness ahead of the car sales data for July, following the poor numbers in France earlier this week.

Several shares were suspended temporarily for excessive losses, including the cement and construction group Calcestruzzi, which dropped L1,710 or 17.6 per cent to L8,000, and Euromobiliare, which closed down L305 at L2,400.

STOCKHOLM declined on worries about interest rates

and the banking sector. The Affarsvärlden General Index fell 3.7 to 859.4 in low turnover of SKR192m.

The ball-bearing group SKF bucked the downward trend ahead of its half-year earnings report today as its B shares rose SKR1 to SKR97.50.

TEL AVIV closed sharply higher in active trading, the blue-chip share index gaining 2.48 or 1.7 per cent to 155.23 in turnover of over Shk100m to register a gain of 5 per cent on the week, recouping the losses of the previous week.

OSLO's all-share index slid to a new 1992 low, losing 5.73 to 366.20 in turnover of Nkr172m. Norsk Hydro shed Nkr3 to Nkr136.5.

VIENNA closed at a record low. The ATX index lost 19.84 or 2.6 per cent to 744.31. Leykam, the paper manufacturer, fell Sch10 to Sch305 after announcing a first half loss of Sch66m.

ASIA PACIFIC

Nikkei declines as traders unload speculative stocks

Tokyo

SHARE prices closed moderately lower after another thin volume, as traders unloaded speculative stocks to avoid margin calls, writes Emiko Terazono in Tokyo.

The Nikkei average lost 57.20 at 15,926.44. The index rose to the day's high of 16,135.50 in the morning on arbitrage-linked buying, before sinking to a low of 15,808.61 in the afternoon session.

Volume came to 180m shares, against Wednesday's 185m. Declines led rises by 615 to 290, with 164 issues unchanged. The Topix index of all first section stocks shed 6.02 to 1,207.33, and in London the JSE/Nikkei 50 index eased 1.38 to 977.64.

However, earlier pessimism appeared to have lifted. "People seem to have abandoned the gloom and doom scenario," said an official at Nippon Life.

Small-lot buying, linked to arbitrage-unwinding, was seen in the morning session. Arbitrageurs have been booking profits by selling cash stocks, and buying futures contracts after the recent fall in the futures market. Unwinding of these positions has led to recent purchasing by dealers in the cash markets.

Most technical analysts see near-term resistance at 16,300 on the Nikkei. Mr Jason James, strategist at James Capel, said investors were selling around the 16,000 level to hedge their positions.

Profit-taking weighed on high-technology blue chips, which had gained ground on Wednesday on purchases by foreign pension funds. Sony relinquished Y50 to Y4,020.

Nippon Telegraph and Telephone fell Y28,000 to an all-time low of Y551,000. Traders said some selling was prompted by reports suggesting that mobile telephones were radioactive, and could cause tumours among users.

Banks firmed on covering of short positions. Industrial Bank of Japan put on Y10 to Y1,770 and Bank of Tokyo Y30 to Y1,200. But Nippon Credit Bank weakened Y100 to Y4,300 on reports of severe problems at its leasing affiliates. Nippon Credit has been requesting other banks to co-operate in restructuring of its three non-bank financial affiliates.

Nippondenso lost Y120 to Y1,310. The Toyota Motor affiliate reported a 25 per cent fall in parent pre-tax profits for the first half due to slack demand.

In Osaka, the OSE average dipped 94.33 to 17,479.54 in volume of 17.2m shares.

Roundup

PACIFIC Rim markets were influenced by domestic factors.

AUSTRALIA closed at its lowest level for almost four months on nervousness about the speed of economic recovery. The All Ordinaries Index fell 16.8 to 1,589.9 in turnover of A\$273m. Banks remained weak, with Commonwealth down 11 cents to A\$7.08 and ANZ off 7 cents at A\$3.41.

SEOUL staged a technical rebound in thin trading, struggling back above the 500 level. Speculation that the ruling Democratic Liberal Party would come up with market-boosting measures today contributed to the advance. The index ended 8.71 up at 500.04.

Companies vying for the country's second mobile tele-

com contract fell on rumours that the ruling party had asked President Roh Tae-Woo to delay selection of the winner.

MANILA eased as large-capitalisation stocks followed a fall in Philippine Long Distance Telephone. The composite index slipped 22.05 to 1,483.80 in combined turnover of P95.7m pesos. PLDT shed 30 pesos to 1,030 on a smaller than expected 5.8 per cent rise in first-half net income.

TAIWAN reversed early gains to finish lower as investors took profits in late trading. The weighted index rose more than 20 points initially as shares responded to the central bank's injection of liquidity into the money market on Wednesday. It was finally a net 12.13 down at 4,122.78 in turnover of T\$20.7bn.

KUALA LUMPUR weakened as selling increased. The composite index fell back below the 600 mark to finish 4.31 lower at 598.27. R.J. Reynolds dropped 24 cents further to M\$3.08 after the announcement of a cut in cigarette prices.

SINGAPORE lost ground as shipyard stocks remained under pressure following disappointing half-year results from a number of companies. The Straits Times Industrial index declined 25.20 to 1,416.83.

HONG KONG rose on bargain hunting. The Hang Seng index advanced 24.03 to 5,865.27 in turnover of HK\$1.87bn.

BOMBAY fell sharply on reports that the government planned to increase prices for petroleum products by 20 per cent. The BSE index lost 100.64, or 3.8 per cent, to 2,529.59. KARACHI rose for the second consecutive day, the index closing 41.43, or 3.2 per cent, up at 1,308.45.

SOUTH AFRICA

JOHANNESBURG mining shares fell on weaker precious metal prices and a stronger financial rand. The gold index fell 12 to 998, the overall index shed 8 to 3,373 and industrials declined 5 to 4,198. Northern lost R1.25 to R19.75.

FT-ACTUARIES WORLD INDICES

Jointly compiled by The Financial Times Limited, Goldman, Sachs & Co., and County NatWest/Wood Mackenzie in conjunction with the Institute of Actuaries and the Faculty of Actuaries

WEDNESDAY AUGUST 5 1992										TUESDAY AUGUST 4 1992										DOLLAR INDEX									
Figures in parentheses show number of times of stock										Figures in parentheses show number of times of stock										Figures in parentheses show number of times of stock									
US Dollar Index										US Dollar Index										US Dollar Index									
Day's Change %										Day's Change %										Day's Change %									
Pound Sterling Index										Pound Sterling Index										Pound Sterling Index									
Yen Index										Yen Index										Yen Index									
Local Currency Index										Local Currency Index										Local Currency Index									
Local % chg on day										Local % chg on day										Local % chg on day									
Gross Div Yield										Gross Div Yield										Gross Div Yield									
US Dollar Index										US Dollar Index										US Dollar Index									
Pound Sterling Index										Pound Sterling Index										Pound Sterling Index									
Yen Index										Yen Index										Yen Index									
Local Currency Index										Local Currency Index										Local Currency Index									
1992 Low										1992 Low										1992 Low									
1992 High										1992 High										1992 High									
Year ago approx										Year ago approx										Year ago approx									
Australia (98)	140.11	-0.8	108.56	112.74	107.59	126.08	-0.5	4.34	141.26	109.96	113.62	109.33	126.72	153.68	140.11	151.98													
Austria (19)	152.99	-0.2	118.54	123.11	117.48	117.45	-0.2	2.49	153.28	118.33	123.29	117.54	117.74	186.70	150.55	176.65													
Belgium (42)	147.19	-0.3	114.03	118.42	113.01	110.52	+0.0	5.57	147.63	113.88	118.74	113.21	114.10	150.27	136.87	132.06													
Canada (114)	127.51	-0.2	98.80	102.60	97.91	109.23	-0.4	3.20	127.73	98.83	103.71	91.61	100.18	143.29	136.18	136.18													
Denmark (35)	234.91	-0.6	182.01	189.03	180.38	181.56	-0.5	1.93	236.44	182.39	190.19	182.18	182.50	273.94	226.81	290.22													
Finland (15)	72.93	+0.6	56.51	58.89	58.01	61.94	+0.5	2.28	72.50	56.93	58.32	55.60	61.81	89.80	69.40	101.01													
France (104)	159.83	+0.3	122.88	128.44	122.57	124.96	+0.4	3.50	159.19	127.19	128.04	126.06	134.41	166.75	148.08	133.31													
Germany (54)	119.52	-0.4	92.60	96.19	91.77	91.77	-0.2	2.49	119.97	93.83	97.11	91.61	100.18	143.29	136.18	136.18													
Hong Kong (54)	243.13	-0.3	188.38	195.64	188.71	241.28	-0.4	3.40	243.99	188.79	196.25	187.11	242.17	298.55	176.36	168.49													
Ireland (16)	158.16	-0.6	122.54	127.28	121.44	123.70	-0.3	4.27	159.09	122.71	127.96	121.99	124.05	173.71	151.78	155.70													
Italy (70)	95.97	-1.6	51.12	53.05	50.86	55.02	-1.5	3.77	97.07	51.73	52.94	51.43	55.84	80.68	63.00	75.66													
Japan (473)	194.82	+1.3	73.31	76.14	72.67	76.14	+1.4	1.12	195.17	73.53	75.11	74.60	76.14	100.18	143.29	136.18													
Malaysia (69)	242.97	-0.3	188.25	195.50	186.57	234.03	-0.3	2.68	243.99	195.93	199.93	186.79	234.68	250.47	214.29	226.82													
Mexico (16)	1373.24	-1.6	1083.88	1105.03	1054.50	4868.45	-1.6	1.29	1385.44	1076.41	1122.45	1070.09	4781.88	1789.77	1303.41	1114.00													
Netherlands (28)	164.19	-0.4	127.21	132.12	128.08	124.81	+0.6	4.49	163.48	128.11	131.50	125.37	124.09	187.29	147.88	141.61													
New Zealand (14)	101.21	+1.0	78.42	81.44	77.72	82.53	+1.1	1.49	100.17	79.31	82.53	78.15	78.42	91.01	71.83	67.89													
Norway (23)	162.96	-1.9	126.26	131.13	125.14	128.51	-1.8	1.96	166.08	128.11	133.59	127.33	130.80	195.89	161.26	147.88													
Singapore (36)	205.81	-1.6	159.48	165.61	158.04	162.84	-1.5	2.17	209.15	161.33	168.23	160.39	155.23	229.63	192.76	197.76													
South Africa (81)	207.68	+0.9	160.80	167.10	168.46	171.90	+0.6	2.96	205.77	167.52	165.51	173.79	170.85	263.65	194.69	244.16													
Spain (48)	188.18	-0.4	128.74	132.73	127.51	148.87	-0.5	5.84	141.95	130.19	133.85	108.91	100.71	181.72	136.49	152.87													
Sweden (30)	190.65	-0.1	147.71	153.41	148.40	151.35	+0.0	2.72	190.77	153.45	155.45	151.30	200.92	173.09	167.81	167.81													
Switzerland (62)	112.63	+0.6	87.27	90.64	86.50	92.49	+1.0	2.32	111.95	86.39	90.06	86.96	91.82	111.88	95.99	83.31													
United Kingdom (228)	181.40	-1.1	140.55	145.96	139.29	140.55	-0.7	5.29	183.49	141.54	147.58	140.70	141.54	200.07	165.86	177.65													
USA (522)	171.98	-0.5	133.25	136.40	132.07	171.98	-0.5	2.92	172.86	133.34	139.05	132.56	172.88	173.10	162.90	158.31													
Europe (790)	147.82	-0.5	114.53	118.95	113.51	114.47	-0.3	4.20	148.63	114.55	119.68	114.92	114.76	156.88	139.31	139.90													
Nordic (103)	176.10	-0.4	135.57	140.90	134.48	132.92	-0.3	2.39	175.80	135.61	141.41	133.82	132.97	188.26	162.29	188.63													
Pacific Basin (716)	101.21	+1.0	78.42	81.44	77.72	82.53	+1.1	1.49	100.17	77.27	80.96	76.32	81.65	94.40	74.04	73.02													
Euro-Pacific (1506)	120.06	+0.2	90.02	96.80	92.19	95.74	+0.4	2.84	120.06	93.17	96.45	91.65	93.17	107.51	95.40	93.02													
North America (835)	169.20	-0.5	131.09	136.16	129.95	167.70	-0.5	2.93	170.03	131.16	136.78	130.41	168.55	171.91	158.70	157.08													
Europe Ex. UK (962)	127.24	-0.1	96.59	102.41	97.72	99.31	+0.1	3.43	127.40	98.29	102.49	97.25	99.25	132.98	121.81	147.80													
Pacific Ex. Japan (240)	188.18	-0.4	128.74	132.73	127.51	148.87	-0.5	3.81	187.22	138.99	154.53	126.25	149.44	175.31	149.00	147.80													
World Ex. US (1699)	122.04	+0.2	94.56	98.21	93.72	98.12	+0.4	2.84	122.04	94.56	98.21	93.72	98.12	100.18	143.29	136.18													
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